

**TOP
FLIGHT**
MEMOBOOK

MB—19 END OPEN
MB—20 SIDE OPEN

Eike Newman Road
12-28-80 to 3-30-81



GROCERY

6 IN.

60 SHEETS

TOP FLIGHT PRODUCTS, INC. CHATTANOOGA, TENNESSEE 37402

△ triangle
birds seen from
Kitchen rocker

in sky or overhead

Away 1:30 - 3:45 PM.
- shopping

12-28-80 Sun. 29° - 38°

Heavy overcast - sleet +
freezing rain in Arlington
+ north -

Wind NNE, 10-25 mph. -
intermittent tiny mist in
afternoon

✓ 2 Eve. Grosbeaks ^{♂ & ♀} 25-30 Doves

2 Towhees Δ 5-6 Crows

1 Purple Finch Δ 8-12 Jays Δ

12-15 House Finches Δ 50+ Starlings

~~Towhees~~ 8-10 House Sps. Δ

✓ 15- Robins ^{in yard} 1-2 Song Sps. Δ

10-12 Cardinals Δ 1 C. Wren

3-5 Mockers Δ 4 Goldfinches

1-2 Pil. Woodpeckers 5-6 Chickadees

2 Flickers 5-6 Titmice Δ

1-2 Red-bellied Δ 2 Nuthatches

2-3 Downys Δ 2 TVs

Large deer in near Meadow
along fence - to Vagquez' field

✓ ¹⁴ 8 Herring Gulls ✓ Fox Sp.
12-15 White-throats ~~Red-shoulder~~
✓ 2 White-crowns ✓ 13 Thrush
48 C. Waxwings

12-29-80 Mon. 37° - 50°

Sue & Elise are due back
this eve, with Long Laurie Mel-
rood. Arrived 5:45

Overcast - occ. light drizzle
- wind NNE, 5-15 mph.

2 Towhees 20-30 Doves
12-15 House Finches 4-5 Crows
20+ C. Waxwings 8-12 Jays
10-15 Cardinals 15+ Starlings
3-5 Mockers 8-10 House Sps.

1 Flicker 1-2 Song Sps.
1-2 Red-bellies 1 C. Wren
2-3 Downys 4 Goldfinches
12-15 White-throats 5-7 Chickadees
2 White-crowns 5-7 Titmice
✓ 1 Purple Finch 7 Nuthatches
✓ 1 Herring Gull ✓ 2 Robins
1 Pil. Woodpecker ✓ 1 Grackle
✓ 1 Fox Sparrow

12-30-80 Tues. 38° - 48°
Heavy overcast; wind ^NNNE,
~~20-25~~ ¹⁵ mph. Clearing early -
cloudless in afternoon -
wind abating late aft.

2 Towhees ♂ ♀ 20+ Doves
12-15 House Finches 4-6 Crows
30.+ C. Waxwings 8-12 Jays
(roost in Chinese Holly) Δ

12-15 White-throats ⁵⁰⁻²⁵ Starlings
 2 White-crowns ⁸⁻¹⁰ House Sps.
 12-15 Cardinals ^Δ 1-2 Song "Δ
 3-5 Mockers ^Δ 1 C. Wren
 1 Pil. Woodpecker 4 Goldfinches ^Δ
 1-2 Flickers 5-7 Chickadees ^Δ
 2 Red-bellies ^Δ 5-7 Titmice ^Δ
 2-3 Downys ^Δ 2 Nuthatches ^Δ
 1 Red-shoulder 1 Fish Crow
 14 Herring Gulls 2 Robins
 1 Thrasher ^Δ 1 Grackle ^Δ
 ✓ 1 Rusty Blackbird ^Δ

12-31-80 Wed. 21° - 30°
 Partly cloudy early;
 increasingly cloudy - very
 light snow began 2:13 P.M.
 - intermittent thru night -
 Heavy frost in A.M.

Deficiency of precipitation
 for year = 10.00 - " at National
 Airport - probably more here.

✓ 2 Towhees ^{♀♂} 20+ Doves
 ✓ 1 Thrasher 4-5 Crows
 ✓ 15-20 House Finches 8-12 Jays
 6-10 Juncos 50-60 Starlings
 12-15 White-throats 8-10 House Sps.
 2 White-crowns 1-2 Song "
 2 Robins 1 C. Wren
 15-20 Cardinals 4 Goldfinches
 3-5 Mockers 5-6 Chickadees
 2 Flickers 5-6 Titmice
 2 Red-bellies 2 Nuthatches
 2-3 Downys ✓ 1-2 Purple Finches
 ⊕ 1 Red-shoulder ✓ 1 Yellow-r. W.
 ✓ 1 Rusty Blackbird ^Δ ✓ 1 Grackle ^Δ

1-1-81 Thurs. 26° - 30°
 Snow continuing - very
 fine flakes - about 2" by
 9:00 A.M. Total - about
 2½". Occ. weak sun
 in afternoon.

4-5X 28 29 13A
 ✓ 4 Eve. Grosbeaks Δ 25-30 Doves
 ✓ 2 Towhees Δ 4-5 Crows
 130 House Finches Δ 8-12 Jays Δ
 ✓ 10 Cowbirds Δ 75 Grackles Δ
 ✓ 1 Thrasher Δ 50+ Starlings Δ
 6-8 Juncos Δ 8-10 House Sps. Δ
 12-15 White-throats Δ 1-2 Song " Δ
 2 White-crowns 1 C. Wren
 10-15 Cardinals Δ 5 Goldfinches Δ
 3-4 Mockers Δ 5-6 Chickadees Δ
 1-2 Flickers 5-6 Titmice Δ
 1-2 Red-bellies Δ 2 Nuthatches
 2-3 Downys Δ ~~2~~ Red-shoulders
 ✓ 1 Fox Sparrow Δ

✓ 1 Red-shoulder in right-hand
 clothes-line tree - later two
 flying by - then one in
 "court-ship" tree.
 Note - Margaret Webb told
 Claire of seeing 24 Bob-

white on her place at the
 end of Chestnut St. in
 Clifton on 12/29 - also
 3 Deer.

1-2-81 Fri. 32° - 36°
 Almost cloudless early;
 clouding up by 10:00 A.M.

3 Towhees 28 19 20+ Doves 12A
 30+ C. Waxwings Δ 4-5 Crows
 15-20 House Finches Δ 8-12 Jays Δ
 ✓ 12 Purple Finches 50+ Grackles 4A
 10 Cowbirds Δ 50+ Starlings 5A
 6-8 Juncos Δ 8-10 House Sps. Δ
 12-15 White-throats Δ 1-2 Song Sps. Δ
 2 White-crowns 1 C. Wren
 15-20 Cardinals Δ 5 Goldfinches Δ

35 Mockers ²¹ 56 Chickadees ¹
 1-2 Flickers ⁵⁶ Titmice
 1-2 Red-bellies ¹² Nuthatches ¹
 3 Downys ^{16 20} Thrasher ¹
 ✓ 1 Fox Sparrow ¹

1-3-80 Sat. 19° - 36°
 To White Stone today -
 for Xmas Count (Matthews)

overcast; cold!

4 Towhees ^{26 29} Doves
 Cy Waxwings Crows
 Juncos Jays
 White-throats Starlings
 White-crowns House Sps.

Cardinals Song Sps.
 Mockers C. Wren
 Flicker Goldfinches
 Red-bellies Chickadees
 Downys Titmice
 Red-shoulders Nuthatches
 Cowbirds

1-4-80 Sun. 14° - 21°

1-5-80 Mon. 9° - 25°
 Home!! Cloudless -
 cold; wind N-NNE 5-15 mph
 Glorious day - but cold
 House Finches Doves
 Towhees Crows
 Juncos Jays
 White-throats Starlings
 Cardinals House Sps.
 Mockers Song "

Downys C. Wren
 C. Waxwings Goldfinches
 Chickadees Titmice
 Nuthatches

1-6-81 Tues. 90°

Calm, cloudless early;
 cloudy by 8:30 A.M. - overcast
 (heavy) in aft.

✓ 1 Yellow-r. W. 15-20 Doves
 ✓ 2 Towhees 5-6 Crows
 ✓ 12-15 House Finches 8-10 Jays
 6-8 Juncos 7-8 Grackles
 12-15 White-throats 50+ Starlings
 ✓ 2 White-crowns 5-10 House Sps.
 10-15 Cardinals 2 Song " A
 3-4 Mockers 1 C. Wren

Sunrise - 7:27; sunset 5:01

1 Flicker 4-5 Goldfinches
 1-2 Red-bellies 5-7 Chickadees
 2-3 Downys 5-7 Titmice
 10 Cowbirds 2 Nuthatches
 ✓ 1 Hairy Δ ✓ 1 Thrasher
 ✓ 1 Fox Sparrow

1-7-80 Wed. 36° - 37°

Light snow began about
 11:00 A.M. = $\frac{1}{4}$ " Heavy
 overcast - occ. seen -
 very light flurries beg.
 11:00 A.M. to early aft. &
 then sunny - wind in aft. N-

✓ 2 Towhees 5-6 20+ Doves 20-30
 ✓ 15-20 House Finches 7-8 Crows
 6-10 Juncos 8-12 Jays
 12-15 White-throats 20+ Grackles
 1 2 White-crowns 50+ Starlings
 2 Robins 8-10 House Sps.

15⁺ Cardinals 1-2 Song Sp.
 3-4 Mockers 1 C. Wren
 1 Flicker 4-5 Goldfinches
 1-2 Red-bellies 5-6 Chickadees
 2-3 Downys 5-6 Titmice
 30 Cowbirds 2 Nuthatches
 ✓ 1 Fox Sparrow ✓ 1 Fish Crow
 ✓ 1 Hairy (* 1 Red-shoulder
 30⁺ C. Waxwings 1 TV

1-8-81 Thurs. 13° - 23°
 Cloudless early; calm;
 cloudy by 9:00 A.M. - overcast
 by 9:30 - wind NNE, 10-15 mph

✓ 3 Towhees 2 ♂ 1 ♀ Δ 15⁺ Doves
 ✓ 20⁺ House Finches Δ 6-7 Crows
 ✓ 1 Fox Sparrow Δ 8-10 Jays
 6-10 Juncos 1 Grackle

15-20 White-throats Δ 15-20 Cowbirds Δ
 ✓ 2 White-crowns Δ 30⁺ Starlings Δ 2
 15-20 Cardinals Δ 8-12 House Sp. Δ
 3-4 Mockers Δ 2 Song " Δ
 1-2 Flickers 1 C. Wren
 1-2 Red-bellies Δ 4 Goldfinches Δ
 2-3 Downys Δ 5-6 Chickadees Δ
 (* 1 Red-shoulder Δ 5-6 Titmice Δ
 ✓ 1 Thrasher Δ 2 Nuthatches
 15-20 C. Waxwings

1-9-81 Fri. 14° - 27°
 Overcast - very light flurries
 about 8:30 A.M. - 10:00 A.M.
 Partly sunny - overcast
 in afternoon - occ.
 light N winds, 5-10
 mph

✓ 3 Towhees ^{1 ♀ 2 ♂} 4 10-15 Doves ^{1 ♂}
 20⁺ House Finches ^{1 ♂} 5-6 Crows ^{1 ♂}
 6-10 Juncos ^{1 ♂} 8-12 Jays ^{1 ♂}
 12-15 White-throats ^{1 ♂} 1 Grackle
 2 White-crowns ^{1 ♂} 10⁺ Red-wings ^{1 ♂}
 15⁺ Cardinals ^{1 ♂} 10-15 Cowbirds ^{1 ♂}
 3-4 Mockers ^{2 ♂} 25⁺ Starlings ^{2-3 ♂}
 1 Pil. Woodpecker ⁸⁻¹⁰ House Sps. ^{1 ♂}
 1-2 Flickers ¹⁻² Song " ^{1 ♂}
 1-2 Red-bellies ^{1 ♂} 1 C. Wren
 2-3 Downys ⁴ 4 Goldfinches ^{1 ♂}
 (*) 1 Red-shoulder ⁵⁻⁷ Chickadees
 ✓ 1 Thrasher ^{1 ♂} 5-7 Titmice ^{1 ♂}
 ✓ 1 Purple Finch ^{1 ♀} 2 Nuthatches ^{1 ♂}
 30⁺ C. Waxwings

1-10-81 Sat. 21° - 26°

At 7:00 A.M., our beloved
 & beautiful Calico-kitty,
 "Twiggy" died of a sudden
 heart attack. She had

been very loving and
 active, had a good
 breakfast at about 5:30
 A.M., and was busy
 washing her shoulder
 (near where the pains once
 stood) when I went down-
 stairs for about 2 minutes.
 As I started up the
 stairs I heard her cry
 out loudly 8-10 times -
 found her beside green
 chair, stretched out and
 limp - make one or two
 moves as tho' gagging,
 then completely limp.
 We could do nothing to
 revive her. Just two
 months short of 14 years old -
 a wonderful, sweet companion.

Scattered clouds - calm
early; wind NNE 10-25 mph
by 9:30 A.M. -

✓ 3 Towhees ^{1♀ 2♂} Δ 15-25 Doves ^{15Δ}
✓ 15-20 House Finches Δ 5-6 Crows
6-10 Juncos Δ 8-12 Jays Δ
12-15 White-throats Δ 2 Grackles [✓] Δ
✓ 2 White-crowns ¹⁰⁰⁺ Starlings ²⁰⁺ Δ
✓ 1 Thrasher Δ 8-10 House Sps. Δ
12-15 Cardinals Δ 1-2 Song " Δ
3-4 Mockers Δ 1 C. Wren
2-3 Flickers 4 Goldfinches Δ
1-2 Red-bellies ^{2♀ 1♂} Δ 5-7 Chickadees Δ
3 Downys ^{2♀ 1♂} Δ 5-7 Titmice Δ
✓ 61 Herring Gulls ^{10:15-20 AM} Δ Nuthatches
✓ 2 Robins 50-75 Cowbirds
⊕ 1 Sharpshooter ^{1 in yard} Δ Red-shoulder

✓ 1 normal Grackle, and
one a buffy-tan, spec.
on back & wings - seemed
larger than other.

1-11-84 Sun. ⁹⁰ 130 -

Heavy overcast; calm
early - very cold - by 10:00
A.M., wind N, 10-³⁰ mph -
partial clearing by 9:30 A.M.
- all clear in aft. - wind abating
late aft.

✓ 3 Towhees ^{1♀ 2♂} Δ 15+ Doves Δ
15-20 House Finches Δ 4-5 Crows
6-10 Juncos Δ 8-10 Jays Δ
²⁰⁺ White-throats Δ Grackle Δ
✓ 2 White-crowns ¹⁵⁻²⁰ Δ Cowbirds Δ
1 Thrasher Δ 50+ Starlings ³⁰ Δ
5 Robins 6-8 House Sps. Δ
15-20 Cardinals Δ 1-2 Song " Δ
3-4 Mockers Δ 1 C. Wren

2 Flickers 4 Goldfinches¹
 1-2 Red-bellies⁴⁵⁻⁷ Chickadees¹
 3 Downys³⁴ Titmice⁵⁻⁷
 ✓ 1 Eve. Grosbeak¹ 2 Nuthatches¹
 ✗ 1 Red-shoulder
 (in front yard 2x)

1-12-81 Mon. ^{6°} 3° - 18°
 Cloudless; wind N,
 5-15 mph. scattered small
 clouds in afternoon - cold!

15-20 House Finches¹⁵⁻²⁵ Doves
 8-12 Juncos 4-6 Crows
 15-20 White-throats 8-10 Jays
 ✓ 2 White-crowns 1-2 Grackles
 15+ Cardinals 50+ Starlings
 3-4 Mockers 8-10 House Sps.
 2 Flickers 1-2 Song "
 1-2 Red-bellies 1 C. Wren

away 9:55 AM - 1:10 P.M.
 - to Mary & Don's -

3 Downys^{2♀ 1♂} 4 Goldfinches
 ✓ 3 Towhees^{2♂ 1♀} 5-7 Chickadees
 10-15 Cowbirds 5-7 Titmice
 ✗ 1 Sharpshin¹ 2 Nuthatches
 30-40 C. Waxwings

1-13-81 Tues. 2° - 22°
 Overcast; calm early;
 slight clearing in aft.; wind
 5-10 mph. SE-NE. occ. tiny
 snowflakes 10:00-10:30 A.M. - again
 in P.M.

✓ 3 Towhees^{1♀ 2♂} 20+ Doves¹⁵
 15-20 House Finches¹ 8 Crows
 6-8 Juncos¹ 8-10 Jays¹
 15-20 White-throats¹ 1 Grackle¹
 ✓ 2 White-crowns¹⁵⁻²⁰ Cowbirds¹
 30-40 C. Waxwings¹ 50+ Starlings¹⁰⁰
 15+ Cardinals¹ 6-8 House Sps.¹
 3-4 Mockers¹ 1-2 Song "¹
 1-2 Flickers¹ 1 C. Wren
 1-2 Red-bellies¹ 4 Goldfinches¹

3 Downys Δ 5-6 Chickadees Δ
 ✓ 1 Thrasher Δ 5-6 Titmice Δ
 ✓ 1 Red-wing Δ 2 Nuthatches
 ✓ 1 Hairy Δ

1-14-81 Wed. 23° - 33°
 Overcast; occ. light
 breezes - clear late
 afternoon

✓ 3 Towhees Δ 15-20 Doves Δ
 15-20 House Finches Δ 6-7 Crows
 6-10 Juncos Δ 8-10 Jays Δ
 15-20 White-throats Δ 1 Grackle Δ
 ✓ 2 White-crowns Δ 50-60 Starlings Δ 8-10
 30-40 C. Waxwings Δ 6-8 House Sps. Δ
 15-20 Cardinals Δ 2 Song " Δ
 3-4 Mockers Δ 1 C. Wren (S)
 2 Flickers 4 Goldfinches
 2 Red-bellies Δ 5-7 Chickadees
 4

3 Downys Δ 5-7 Titmice Δ
 * 1 Red-shoulder Δ 2 Nuthatches
 1 Pil. Woodpecker Δ 1 Thrasher Δ
 1 C. Goose (SW-NE)

1-15-81 Thurs. 27° - 35°
 Light snow began some
 time before 6:00 A.M.
 - ending about 11:00 A.M. = $\frac{3}{4}$ "
 overcast to mid-aft. - then
 some sun for an hour or so.

✓ 2-3 Towhees Δ 15-20 Doves Δ
 ✓ 1 Thrasher Δ 5-6 Crows
 30-40 C. Waxwings Δ 8-12 Jays Δ
 15-20 House Finches Δ 2 Grackles Δ
 5-6 Juncos Δ 30-40 Cowbirds Δ
 15-20 White-throats Δ 50+ Starlings Δ
 2 White-crowns Δ 6-10 House Sps. Δ
 10-15 Cardinals Δ 2 Song " Δ
 (15)

3-4 Mockers ^(S) 1 C. Wren
 1 Pil. Woodpecker 4 Goldfinches
 1-2 Flickers 5-6 Chickadees
 2 Red-bellies 5-6 Titmice
 3 Downys 2 Nuthatches
 (X) 1 Red-shoulder 1 Red-wing
 1 TV

✓ 8 Towhee singing extended
 whisper song about 4:30 P.M.

1-16-81 Fri. 28°-38°
 Heavy overcast; calm in
 A.M. - light snow beg.
 9:10 A.M. - about one hour -
 then bright sun - heavy
 overcast 3:30 on - few flurries

✓ 2-3 Towhees 1 ♀ 1-2 ♂ 15-25 Doves
 15-20 House Finches 5-6 Crows
 30-40 C. Waxwings 8-10 Jays

✓ 1 Thrasher 2 Grackles
 6-8 Juncos 1 Red-wing
 15-20 White-throats 20+ Cowbirds
 ✓ 2 White-crowns 50+ Starlings
 15-20 Cardinals 6-10 House Sps.
 3-4 Mockers 2 Song "

1 Pil. Woodpecker 1 C. Wren
 1-2 Flickers 4 Goldfinches
 2 Red-bellies 5-7 Chickadees
 3 Downys 5-7 Titmice
 (X) 1 Red-shoulder 2 Nuthatches
 4 TVs

✓ Towhee again singing
 whisper song.

✓ Two Grackles here; about
 100 over Clifton Rd. near
 Braddock - plus about
 10,000 over Mr. Cobb's
 field at Braddock &
 Colchester Rd. ^{and in our yard}
 ✓ 4 Ws across Rt. 123 from
 Owen's Farm Inn.

1-17-81 Sat. 22° - 31°

Virtually cloudless - wind
NNE, 15-38 m.p.h. all day -
partly cloudy in aft. -
wind-chill factor - bad!!

✓ 3 Towhees 1 ♀ 2 ♂ Δ 15-20 Doves Δ
✓ 1 Thrasher Δ 5-6 Crows
15-20 House Finches Δ 6-10 Jays Δ
✓ 2 Purple Finches (6 heads) 10-15 Grackles
30-40 C. Waxwings bird bath 1 Red-wing
6-8 Juncos Δ 10-15 Cowbirds
15-20 White-throats 50+ Starlings 100+
✓ 2 White-crowns 6-8 House Sps Δ
2-4 Robins 2 Song Δ
15-20 Cardinals Δ 1 C. Wren
3-4 Mockers Δ 4 Goldfinches Δ
1-2 Flicker 5-7 Chickadees Δ
2 Red-bellies 5-7 Titmice Δ

✓ 3 Downys Δ 2 Nuthatches Δ
1 Hairy Δ

* Nancy Phillips had
10 E. Grosbeaks today
plus Purple Finches,
etc. + 2 Bluebirds

1-18-81 Sun. 13° - 38°

Cloudy; calm early;
about 12:00 N, wind NNE, 10-
15 mph. Clear in afternoon -
wind died away about 4:30
P.M.

✓ 2-3 Towhees ♀ ♂ 15+ Doves Δ
✓ 1-2 Purple Finches 4-5 Crows
15-20 House Finches 6-10 Jays Δ
30-40 C. Waxwings 1-2 Grackles Δ
6-8 Juncos Δ 2 Cowbirds 20
15-20 White-throats 50+ Starlings 100+
3-4

✓ 2 White-crowns ²⁰ 6-8 House Sps. ^Δ
 15-20 Cardinals ^Δ 2 Song " ^Δ
 3-4 Mockers ^Δ 1 C. Wren
 2 Flickers 4 Goldfinches ^Δ
 1-2 Red-bellies ^Δ 5-6 Chickadees ^Δ
 3 Downys ^{3Δ} 5-6 Titmice ^Δ
 1 Hairy ^Δ 2 Nuthatches
 2 Red-shoulders ^Δ 1 Red-wing
 ✓ 5 Pine Siskins ^{5Δ} (first time at feeders)
 ✓ 1 Thrasher

↓ 2 Red-shoulders in
 courtship - calling - one
 flying to other.

1-19-81 Mon. 30° - 52°

Cloudless early; partly cloudy
 10:00 A.M. to 2:00 P.M. - then mostly
 cloudy. Occ. very light breeze

✓ 7 Pine Siskins ^{7Δ} 15+ Doves ^{8Δ} (S)
 ✓ 3 Towhees ^{3Δ} 5-6 Crows
 ✓ 20+ House Finches ^Δ 8-10 Jays ^Δ
 ✓ 1 Thrasher ^Δ 1-2 Grackles ^Δ
 6-8 Juncos ^Δ 6-10 House Sps. ^Δ
 12-15 White-throats ^Δ 2 Song " ^Δ
 2 White-crowns ^Δ 1 C. Wren (S)
 15-20 Cardinals ^Δ 4 Goldfinches ^{4Δ}
 3-4 Mockers ^Δ 5-7 Chickadees ^Δ
 2-3 Flickers 5-7 Titmice ^Δ
 1-2 Red-bellies ^Δ 2 Nuthatches
 3 Downys ^{3Δ} 1 Red-shoulder
 30-40 C. Waxwings

✓ Doves singing first time!

Plus 2 TV's & 1 Red-shoulder
 over Ward's property on Compton
 Rd. - just off Clifton Rd.,
 and one ~~Red-shoulder~~ ^{Kestrel} on wire
 beside Clifton Rd. just west
 of Cloughleaf Estates.

Full Moon!

1-20-81 Tues. 33°-

Inauguration Day.

Cloudy; occ. sun; wind
in aft.; N, 5-10 mph.

Very tiny drizzle began
5:30 P.M.

✓ 2 Towhees	15-20 Doves (S)
✓ 1 Thrasher	5 Crows
✓ 5 Pine Siskins	8-12 Jays
20+ House Finches	100+ Grackles ²⁰ Δ
6-8 Juncos	1-2 Cowbirds
15-20 White-throats	50+ Starlings
✓ 2 White-crowns	6-8 House Sps.
4 Robins	2 Song " "
15-20 Cardinals	✓ 2 C. Wrens
3-4 Mockers	4 Goldfinches
1-2 Flickers	5-7 Chickadees
1-2 Red-bellies	5-7 Titmice
3 Downys	2 Nuthatches

⊗ 1 Red-shoulder 2 Fish Crows

Apr. Hostages freed by
Iran, after 444 days
-arrived in Algeria in
evening (EST)

1-21-81 Wed. 34°-39°

Light shower 2:15 A.M. -
again about 7:00 A.M. -
heavy overcast. Occ. light
NNE breezes in aft. Very light
snow began 3:30 P.M.

✓ 2 Pine Siskins	15+ Doves (S) ¹¹ Δ
✓ 2 Towhees ⁸ Δ	5-6 Crows
20+ House Finches ^Δ	8-10 Jays ^Δ
6-8 Juncos ^Δ	50+ Starlings ^Δ
20+ White-throats ^Δ	6-10 House Sps. ^Δ
✓ 2 White-crowns ^Δ	2 Song Sps. ^Δ

15-20 Cardinals (5) Δ 1 C. Wren
 3-4 Mockers Δ 5 Goldfinches Δ
 1-2 Flickers 5-6 Chickadees Δ
 1-2 Red-bellies Δ 5-6 Titmice Δ
 3 Downys Δ 2 Nuthatches Δ
 ✓ 7 Bluebirds 1-2 Grackles
 ✓ 1 Thrasher Δ ✓ 7 Cowbirds Δ
 ✓ 4 Robins ✓ 2 Herring Gulls

1-22-81 Thurs. 26°-50°
 Heavy fog, not clearing
 until 11:00 A.M. - high, thin
 clouds; winds NNE, 10-25 mph.

✓ 2 E. Grosbeaks ^{o'head} 20-25 Doves ¹⁵⁰ (S)
 3 Towhees ¹⁹²⁸ 4-6 Crows
 ✓ 1 Thrasher 8-12 Jays
 ✓ 3 P. Siskins 100+ Starlings
 20+ House Finches 6-8 House Sps

6-8 Juncos 2 Song Sps.
 20+ White-Throats 1 C. Wren
 ✓ 2-3 White-crowns 4 Goldfinches
 4 Robins 5-7 Chickadees
 20+ Cardinals 5-7 Titmice
 3-4 Mockers 2 Nuthatches
 2 Flickers ✓ 4 Herring Gulls
 2 Red-bellies ✓ 1 Yellow-r. W.
 3 Downys 50+ C. Waxwings

1-23-81 Fri. 38°-43°
 overcast; calm early;
 occ. bits of sun; wind NNE-N-
 NNW, 11:00-3:00, 10-²⁰~~15~~ mph.

✓ 3 Towhees 15-20 Doves (S)
 ✓ 1 Thrasher 5-6 Crows
 30-40 House Finches 8-10 Jays
 ✓ 7 Pine Siskins 50+ Starlings

6-8 Juncos 6-8 House Sps.
 15-20 White-throats 2 Song "
 ✓ 2 White-crowns 1 C. Wren
 15+ Cardinals 4 Goldfinches
 3-4 Mockers 5-7 Chickadees
 1-2 Flickers 5-7 Titmice
 2 Red-bellies 2 Nuthatches
 3 Downys 1 Red-shoulder
 30-40 C. Waxwings 18 Herring Gulls
 ✓ 11 Bl. Vultures 5-7000 Grackles ^{N-S} 11:20 AM
 ✓ 15 J. Vultures ^{11:00 AM} ~~5-10~~
 ✓ ~~5-10~~

✓ Mixed flock of 11 Bl. Vultures
 & 15 TVs, S-N, 11:00 A.M. -
 low, circling; later 3
 TV singles, flying N.

1-24-81 Sat. 35°-44°
 Cloudy early; mostly
 clear in aft.

✓ 200 C. Geese ^{SE-NNW} 7:50 (100) ²⁰⁺ Doves
 ✓ 2-3 Bluebirds 8:05 (100) 5-6 Crows
 ✓ 18 Herring Gulls 8-10 Jays
 ✓ 7 Pine Siskins 50-75 Starlings
 ✓ 20+ House Finches 8-10 House Sps.
 6-8 Juncos 2 Song "
 20+ White-throats 1 C. Wren
 ✓ 2 White-crowns 5 Goldfinches
 4 Robins 5-6 Chickadees
 15-20 Cardinals 5-6 Titmice
 3-4 Mockers 2 Nuthatches
 1 Pil. Woodpecker ^(*) 1 Red-shoulder
 2 Flickers 3 Towhees
 2 Red-bellies ✓ 1 Thrasher

3 Downys ^{✓ 300+} Ring b. Gulls
~~1 Thrasher~~ 12 TVs
^{✓ 200+} Red wings ^{✓ 200+} Grackles
 ✓ 2 flocks of C. Geese, SE-
 NNW, 100+ in each - one at
 7:50 A.M., one at 8:05 A.M.

1-25-81 Sun, 19° - 47°
 Cloudy early; cloudless by
 10:00 A.M. - brilliant! 3:00 P.M. on -
 few tiny wispy clouds high -
 wind E, SSE, 10-20 mph.
 Glorious day!

✓ 3 Towhees 20+ Doves
 ✓ 1 Thrasher 5-6 Crows
 ✓ 2 Bluebirds 8-10 Jays
 ✓ 20+ House Finches 2-3 Grackles
 6-8 Juncos 50+ Starlings
 15-20 White-throats 8-10 House sps.

✓ 2 White-crowns 2 Song sps.
 2-4 Robins 1 C. Wren
 20+ Cardinals 4 Goldfinches
 3-4 Mockers 5-7 Chickadees
 1 Pil. Woodpecker 5-7 Titmice
 1-2 Flickers 2 Nuthatches
 1-2 Red-bellies ⁹⁰ ~~1~~ Red-shoulder
 3 Downys ~~2~~ Grackles
 ✓ 2 Pine Siskins ³⁰⁻⁴⁰ C. Waxwings

1-26-81 Mon. 37° - 59°
 Glorious sunrise, then
 overcast by 8:00 A.M. - all day.
 Wind SW, 10:00 A.M. to 4:00 P.M.
 Only occ. sun.

✓ 75-100 C. Geese ^{5-N} 7:30 AM 20 Doves
 ✓ 2 Yellow-r. Ws. 5-6 Crows
 ✓ 3 Towhees 6-8 Jays
 ✓ 1 Thrasher 2-3 Grackles

✓ 1 Purple Finch 50+ Starlings
 ✓ 15+ House Finches 6-8 House Sps.
 ✓ 4 Pine Siskins 1-2 Song "
 5-6 Juncos 1 C. Wren
 20+ White-throats 4 Goldfinches
 ✓ 2 White-crowns 5-6 Chickadees
 3-4 Robins 5-6 Titmice
 15-20 Cardinals 2 Nuthatches
 2-3 Mockers * 1 Red-shoulder
 1 Pil. Woodpecker 12 Cowbirds (S)
 1-2 Flickers ✓ 1-2 P. Finches
 1-2 Red-bellies
 3 Downys

1-27-81 Tues. 37° - 51°

Mostly overcast all day,
 with occ. sun in afternoon.
 Occ. very light breezes -

✓ 3-4 Pine Siskins 15+ Doves (S)
 ✓ 3 Towhees 4-6 Crows
 ✓ 1 Thrasher 6-8 Jays
 ✓ 40-50 House Finches 1-2 Grackles
 5-6 Juncos 50+ Starlings
 15-20 White-throats 6-8 House Sps.
 ✓ 2 White-crowns 1-2 Song "
 ✓ 4 Robins 1 C. Wren
 15+ Cardinals 4 Goldfinches
 2-3 Mockers 5-6 Chickadees
 1-2 Flickers 5-6 Titmice
 1-2 Red-bellies 2 Nuthatches
 3 Downys * 2 Red-shoulders
 1 TV ✓ 1 Fish Crow
 ✓ 2-3 Yellow-r. Ws 2-3 Cowbirds

✓ First courtship flights of
 Doves.

Note: The freed hostages
 returned to D.C. today -
 great reception.

1-28-81 Wed. 33° - 49°

Partly cloudy early, clearing
by 10:00 A.M. - then clouding
up again by 4:00 P.M. Very
light breezes -

✓ 3 Towhees ^{2♂ 1♀}	15+ Doves
✓ 1 Thrasher	4-6 Crows
✓ 4 Pine Siskins	6 Jays
✓ 30+ House Finches	1 Grackle
4-6 Juncos	30-50 Starlings
20+ White-throats	6-8 House Sps.
✓ 2 White-crowns	1-2 Song "
3-4 Robins	1 C. Wren
15+ Cardinals	4 Goldfinches
2-3 Mockers	5-6 Chickadees
2-3 Flickers	5-6 Titmice
1-2 Red-bellies ^{♂ & ♀}	2 Nuthatches
3 Downys [✓]	1-2 Yellow-r. Ws.
30+ C. Waxwings	2 Cowbirds

✓ 1 Pil. Woodpecker ✓ 1 Meadowlark ^(s)

✓ First Spring songs of Meadowlark.

1-29-81 Thurs. 29° - 41°

Almost cloudless early; wind
W - NW, 10-25 mph, gusting
to 35 mph. Few small clouds
around horizon in aft. Fine
day - but cold!

✓ 3 Towhees	15-20 Doves
✓ 1 Thrasher	4-6 Crows ✓
✓ 2-3 Purple Finches ^{1♂ 1♀}	6-8 Jays
✓ 20-30 House Finches	1-2 Grackles
5-6 Juncos	2-3 Cowbirds
20+ White-throats	50+ Starlings
✓ 2 White-crowns	6-8 House Sps.
✓ 8 Pine Siskins	1-2 Song "
4-5 Robins	1 C. Wren

15-20 Cardinals 4-5 Goldfinches
 2-3 Mockers 5-6 Chickadees
 2-3 Flickers 5-6 Titmice
 1-2 Red-bellies⁸⁰ 2 Nuthatches
 3 Downys ✓ 1 Ring-b. Gull
 30+ C. Waxwings

✓ Crows mating.

1-30-81 Fri. 19°-32°

Cloudless early; wind 5-20 mph
 NW-N - cold!

✓ 3 Towhees 15-20 Doves
 ✓ 1 Thrasher 5-6 Crows
 15-20 House Finches 6-8 Jays
 ✓ 7 Pine Siskins 1 Gackle
 6-8 Juncos 1 Red-wing
 15-20 White-throats 30+ Starlings

✓ 2 White-crowns⁶⁻⁸ House Sps.
 4-5 Robins 1-2 Song "
 15+ Cardinals 1 C. Wren
 2-3 Mockers 4 Goldfinches
 1-2 Flickers 5-6 Chickadees
 1-2 Red-bellies 5-6 Titmice
 3 Downys 2 Nuthatches
 30+ C. Waxwings 1 TV ✓

✓ Plus one TV over Fair
 Oaks Mall - Rt 50 & 66.

1-31-81 Sat. 16°-39°
 Sue's Birthday!!

Cloudless to 4:30 P.M. -
 then few clouds around
 W horizon. Wind NNE,
 5-15 mph.

3 Towhees Δ 15-20 Doves ^{10A}
 1 Thrasher Δ 8 Crows
 15-20 House Finches Δ 5-6 Jays Δ
 30+ C. Waxwings Δ 1 Grackle
 8 Pine Siskins Δ 40-50 Starlings ^{-10A}
 3-4 Robins 6-8 House Sps.
 15-20 Cardinals Δ 1-2 Song " Δ
 2-3 Mockers 1-2 Δ 1 C. Wren
 2 Flickers 4 Goldfinches Δ
 1-2 Red-bellies Δ 5-6 Chickadees Δ
 3 Downys ^{3A} 5-6 Titmice Δ
 6-8 Juncos Δ 2 Nuthatches
 15-20 White-throats Δ 1 Red-shoulder
 2 White-crowns Δ 1 Sharp-shin Δ

2-1-81 Sun. 16° - 50°
 High, thin clouds - wind ^S
 10-25 mph. - cold!
 overcast by 11:00 A.M. -
 light rain began 4:30 P.M.

3 Towhees ^{18 20} Δ 15+ Doves Δ
 1 Thrasher Δ 8 Crows
 15-20 House Finches Δ 6 Jays Δ
 7-8 Pine Siskins Δ 50+ Starlings ^{8A}
 30+ C. Waxwings Δ 6-8 House Sps.
 5-6 Juncos Δ 1-2 Song " Δ
 20+ White-throats Δ 1 C. Wren
 2 White-crowns Δ 4 Goldfinches Δ
 4-5 Robins 5-6 Chickadees Δ
 15+ Cardinals Δ 5-6 Titmice Δ
 2-3 Mockers Δ 2 Nuthatches
 1-2 Flickers Δ 1-2 Yellow-r. Ws.
 1-2 Red-bellies Δ 1 Red-shoulder
 3 Downys ^{3A} Δ
 1 Pil. Woodpecker

Note: Carter Johnston
 reports 3-4 flights of C.
 Geese, SE-NW in "past week
 or so" - possibly same ones
 I saw -

2-2-81 Mon. 51°

Brief spurts of strong winds
after midnight; brief showers
at 4:55 A.M.; heavy shower
began 6:15 A.M. - interm. light
& heavy to about 10:00 A.M. -
Wind W, then N, 15-25 mph -
temp. dropping in aft. Rain = 0.7"

✓ 15-20 House Finches (S) 15-20 Doves (S)
✓ 7-8 Pine Siskins 6-8 Crows
✓ 3 Towhees 2♂ 1♀ 4-5 Jays
✓ 1 Thrasher 50+ Starlings
40-50 C. Waxwings 6-8 House Sps.
4-5 Juncos 4 2 Song "s
20+ White-throats 1 C. Wren
✓ 2 White-crowns 4 Goldfinches
12-15 Robins in yard 5-6 Chickadees
15+ Cardinals (S) 5-6 Titmice
2-3 Mockers 2 Nuthatches
2 Flickers 1 Cowbird

1-2 Red-bellies 1 Purple Finch
3 Downys (30)
1 Yellow-r. W.

2-3-81 Tues. 15° - 27°

Cloudless; calm early;
cold N wind, 10-15 mph by 8:30 A.M.
Very chilly day - few small,
scattered clouds in P.M.

✓ 1-2 Purple Finches 15-20 Doves
15-20 House Finches 5-6 Crows
✓ 3 Towhees 6 Jays
✓ 1 Thrasher 30-40 Starlings
✓ 7 Pine Siskins 5-6 House Sps.
40+ C. Waxwings 1-2 Song Sps.
3-5 Juncos 1 C. Wren
20+ White-throats 4 Goldfinches
✓ 2 White-crowns 5-6 Chickadees
5-6 Robins 5-6 Titmice

15-20 Cardinals 2 Nuthatches
 2-3 Mockers ✓ 1 Fox Sp. Δ
 1 Pil. Woodpecker
 2 Flickers
 1-2 Red-bellies
 3 Downys

2-4-81 Wed. 10° - 30°
 Cloudless; clouding up
 in afternoon - very light
 breeze - cold N wind
 late aft - 15-25 mph

✓ 3 Towhees 15-20 Doves
 ✓ 1 Thrasher ✓ 24 Crows
 15+ House Finches 6 Jays
 ✓ 7-8 Pine Siskins 1 Cowbird ♀
 30-50 C. Waxwings 30-50 Starlings
 4-5 Juncos 6-8 House Sps.

15-20 White-throats 1-2 Song Sp. (S)
 ✓ 2 White-crowns 1 C. Wren
 3-4 Robins 4 Goldfinches
 15+ Cardinals 5-6 Chickadees
 2-3 Mockers 5-6 Titmice
 2 Flickers 2 Nuthatches
 1-2 Red-bellies ✓ 1 Sharpshin Δ
 3 Downys 1 TV
 (X) 1 Kestrel ✓ 1 Fox Sparrow
 (X) 1 Red-shoulder (singing)
 ✓ Beside Clifton Rd. -
 beyond Cloverleaf

2-5-81 Thurs 14° - 29°
 Cloudless; calm early;
 wind NNE by 9:00, 10-15 mph.
 Few clouds on western
 horizon in late afternoon.

✓ 3 Towhees 15+ Doves
 ✓ 1 Thrasher 6-8 Crows
 ✓ 7 Pine Siskins 6 Jays
 ✓ 20+ House Finches 30+ Starlings
 30-40 C. Waxwings 5-6 House Sps.
 4-6 Juncos 1-2 Song "
 20+ White-throats 1 C. Wren
 ✓ 2 White-crowns 4 Goldfinches
 15+ Cardinals 5-6 Chickadees
 2-3 Mockers 5-6 Titmice
 1-2 Flickers 2 Nuthatches
 1-2 Red-bellies
 3 Downys

(X) Note - one Red-shoulder
 at Fairfax Hwy & Green at
 Clifton Rd. & ~~Henderson Rd.~~ ^{Wolf Run Shoals Rd.}

2-6-81 Fri. 25°-45°
 overcast; cold S wind,
 10-15 mph. Brief, light snow
 8:50-9:00 A.M. Again about
 10:00 A.M. - then clearing.
 Wind was SE, SE, SW to about 5:00
 P.M.

✓ 3 Towhees 15-20 Doves
 ✓ 1 Thrasher 6-7 Crows
 30+ House Finches 5-6 Jays
 ✓ 7 Pine Siskins 30+ Starlings
 3-4 Juncos 5-6 House Sps.
 30+ White-throats 1-2 Song "
 ✓ 2 White-crowns 1 C. Wren
 1-2 Robins 4 Goldfinches
 15+ Cardinals 5-6 Chickadees
 2-3 Mockers 5-6 Titmice
 1-2 Flickers 2 Nuthatches
 1-2 Red-bellies 1 Fox Sparrow
 3 Downys ✓ 2 Eve. Grosbeaks
 (in yard)

First Daffodil shoots!

✓ 1 Purple Finch ♀ ³⁰⁺ C. Waxwings
1 Pil. Woodpecker

2-7-81 Sat. 21° - 45°

Leon's Pancake Day -
away 6:40 A.M. to 10:30 A.M.
Cloudless early; thin over-
cast by noon - wind 5, 10-20 mph
Great ring around faint sun,
2:45 P.M. Heavy overcast late
aft.

✓ 3 Eve. Grosbeaks ^{182♀} Δ ¹⁵⁻²⁰ Δ (S) Doves
✓ 3 Towhees Δ 5-6 Crows
✓ 1 Thrasher Δ 6 Jays
✓ 30+ House Finches ²⁰⁻³⁰ Starlings
✓ 7-8 Pine Siskins Δ 6-8 House Sps.
4-5 Juncos Δ 1-2 Song " Δ
20-30 White-throats Δ 1 C. Wren
✓ 2 White-crowns Δ 4 Goldfinches
15+ Cardinals (S) Δ 5-6 Chickadees (S) Δ
2-3 Mockers Δ 5-6 Titmice (S) Δ

1-2 Flickers 2 Nuthatches (15)
1-2 Red-bellies ♀ Δ ³⁰⁺ C. Waxwings Δ
3 Downys ³ Δ
✓ 1 Robin ✓

✓ Robin on drive at garage
door - flew up to get one
Chinese holly berry - ate
it on drive.

2-8-81 Sun. 32° - 38°

Overcast + calm early; very
light drizzle in early A.M. Light
rain began - about 9:00 A.M. to
about noon. Wind N mid-aft. 5-15
mph.

✓ 3 Towhees ^{30+1♀} Δ 15-20 Doves
✓ 1 Thrasher 5-6 Crows
30+ House Finches 6 Jays
15 Pine Siskins 30+ Starlings

7:00 AM
 ✓ 1 Gr. Horned Owl 6-8 House Sps. (S)
 3-4 Juncos 1-2 Song Sps.
 20-30 White-throats 1 C. Wren (S)
 ✓ 2 White-crowns 4 Goldfinches
 15+ Cardinals 5-6 Chickadees
 2-3 Mockers 5-6 Titmice
 1 Pil. Woodpecker 2 Nuthatches
 1-2 Flickers 30+ C. Waxwings
 1-2 Red-bellies 9 Herring Gulls
 3 Downys 1 Ring-b. Gull
 ✓ 1 Fox Sparrow ✓ 11 Robins
 ✓ 2 Eve. Grosbeaks ♀ & ♂

Note: Claire saw what was
 apparently a Pine Grosbeak
 on a limb near our feeder
 about 8:15 A.M. - her
 description fitted bird-
 size, color, etc.

No Careful count - away
 8:40-11:30 AM - (20°)
 M.D. & shopping

2-9-81 Mon. 20°-37°

Cloudless, calm early;
 by 11:00 A.M., wind N, 5-15
 mph. Cloudless to about 5:00
 P.M. - then scattered wispy
 clouds - calm, 5:00 P.M. on.

✓ 3-4 Eve. Grosbeaks 15+ Doves 4

✓ 3 Towhees 4 5-6 Crows

✓ 1 Thrasher 4 4-5 Jays 1

✓ 10-15 Pine Siskins 30+ Grackles

30+ House Finches 1 Red-wing

4-5 Juncos 20+ Starlings

30+ White-throats 6-8 House Sps.

✓ 2 White-crowns 1-2 Song " 1

15+ Cardinals (3) 1 C. Wren (S)

2-3 Mockers 10 4 Goldfinches

1 Flicker (S) 5-6 Chickadees (S)

1-2 Red-bellies 5-6 Titmice (S)

3 Downys 2 Nuthatches (S)

✓ 1 Fox Sparrow ^(*) 1 Red-shoulder

✓ About 30 Grackles beside Colchester Rd., near Braddock Rd.

2-10-81 Tues. 20° - 50°
Fazy overcast; wind S,
10-20 mph.

284♀
✓ 6 Eve. Grosbeaks ¹⁵⁻²⁰ Doves ^Δ
✓ 10-12 Pine Siskins ^Δ 4-5 Crows
✓ 3 Towhees ^{281♀} ^Δ 5-6 Jays ^Δ
✓ 1 Thrasher ^Δ 20-25 Starlings
30+ House Finches ^Δ 5-6 House Sps. ^Δ
3-4 Juncos ^Δ 1-2 Song " ^Δ
30+ White-throats ^Δ 1 C. Wren
✓ 2 White-crowns 4 Goldfinches ^Δ

✓ 2-4 Bluebirds ^(d head) ⁽⁵⁾ 5-6 Chickadees ^Δ
15-20 Cardinals ^Δ 5-6 Titmice ^Δ
2-3 Mockers ^Δ 2 Nuthatches ^Δ
1 Flicker ^(*) 1 Red-shoulder
1-2 Red-bellies ^(*) ^Δ 1 Kestrel ^(in yard)
3 Downys ^Δ 1 Grackle

2-11-81 Wed. 54° -

Rain began after midnight - heavy about 5:45 - 6:15 - strong winds in night and to 4:30 P.M. - SW, S, SE - very gusty (to 40-45 mph). Bit of clearing beg. 4:30 P.M. - then great storm front moved in from NW, rain, sleet & snow flurries

Rain = 0.52"
281♀
✓ 3 Towhees ⁽⁵⁾ 15-20 Doves ⁽⁵⁾
✓ 1 Thrasher 4-5 Crows
8-10 Pine Siskins ⁽⁵⁾ 4-6 Jays
30+ House Finches ⁽⁵⁾ 20-25 Starlings
3-5 Juncos 6-8 House Sps.
30+ White-throats 1-2 Song " ⁽⁵⁾

✓ 2 White-crowns 1 C. Wren^(s)
 4-5 Robins 4 Goldfinches^(s)
 15-20 Cardinals^(s) 5-6 Chickadees^(s)
 2-3 Mockers 5-6 Titmice^(s)
 1-2 Flickers 2 Nuthatches^(s)
 1-2 Red-bellies^(*) 1 Red-shoulder
 3 Downys 1 Fish Crow
 3 Herring Gulls 10 Ring-b. Gulls
 30-40 C. Waxwings

"Killer storm" - killed at
 least 50 in Mid-West - temp.
 in East dropped 28-30° in one hour.
 Heavy snows in Mid-West to
 Ohio. Great blue-black front
 moved in here in late aft. -
 some rain etc.

Tulips ARE up!

2-12-81 Thurs. 12°-23°

Cloudless, cold; wind N, 15-25
 mph. Frost on all windows to
 afternoon. Sky Wind. Few wispy
 clouds on horizon late aft.

✓ 3 Towhees^{1420th} Δ 15-20 Doves Δ
 ✓ 1 Thrasher Δ 4-5 Crows
 30+ House Finches Δ 4 Jays Δ
 30-40 C. Waxwings Δ 30+ Starlings²⁰ Δ
 ✓ 10-15 Pine Siskins Δ 6-8 House Sps. Δ
 30+ White-Throats Δ 1-2 Song " Δ
 ✓ 2 White-crowns 1 C. Wren
 2-3 Robins 4 Goldfinches^(s)
 15-20 Cardinals Δ 5-6 Chickadees^(s)
 2-3 Mockers Δ 5-6 Titmice Δ
 1-2 Flickers Δ 2 Nuthatches
 2 Red-bellies^(*) 1 Red-shoulder
 2-3 Downys Δ 3 Herring Gulls

1 Fox Sparrow^Δ 1 Grackle^Δ
✓ 1-2 Yellow-r. Ws.

2-13-81 Fri. 10°-34°

Cloudless and calm early;
few light, wispy clouds midday.
- still calm

✓ 3 Towhees 1♀ 2♂ (s) 15-20 Doves (s)

✓ 1 Thrasher 5-6 Crows

30+ House Finches (s) 4 Jays

✓ 7-8 Pine Siskins (s) 20-30 Starlings

30-40 C. Waxwings 6-8 House Sps.

3-4 Juncos (s) 1-2 Song " (s)

30+ White-Throats (s) 1 C. Wren (s)

✓ 2 White-crowns 4 Goldfinches (s)

15+ Cardinals 5-6 Chickadees

2-3 Mockers 5-6 Titmice (s)

1-2 Flickers 7 Nuthatches

1-2 Red-bellies 1 Meadowlark (s)

2 Downys^{2♀} ~~⊗~~ 2 Red-shoulder
1 Fish Crow

2-14-81 Sat. 17°-46°
Cloudless + calm early;
scattered wispy clouds by 9:30
A.M., and wind N, 5-15 mph (slight-
ly gusty) - cloudless again in
afternoon. Fine day!

✓ 3 Towhees 1♀ 2♂ (s) 10-15 Doves (s) ^Δ

✓ 1 Thrasher ^Δ 5-6 Crows

✓ 7-8 Pine Siskins ^Δ 4 Jays ^Δ

20-30+ House Finches ^Δ 15-20 Cowbirds (s) ^Δ

30-40 C. Waxwings ^Δ 30+ Starlings ^{3-4Δ}

3-4 Juncos ^Δ 6-8 House Sps. ^Δ

30+ White-Throats ^Δ 1-2 Song " ^Δ (s)

✓ 2 White-crowns ^Δ 1 C. Wren (s)

15 Cardinals ^Δ (s) 4 Goldfinches ^Δ

2-3 Mockers Δ 5-6 Chickadees Δ (5)
 1-2 Flickers 5-6 Titmice Δ (5)
 1-2 Red-bellies Δ 2 Nuthatches (5)
 2-3 Downys Δ 2 Red-shoulders
 ✓ 1-3 Robins 1 TV
 1 Meadowlark (5)

2-15-81 Sun. 20° - 52°
 Cloudless, calm early;
 in aft., few small clouds to N,
 & wind SE, 5-20 mph (gusty)
 Beautiful day!

✓ 2 Eve. Grosbeaks ^{in white oak} 10-15 Doves
 ✓ 1-2 Purple Finches 4-5 Crows
 20-30 House Finches 4 Jays
 ✓ 3 Towhees 50 Grackles ^{fluent}
 ✓ 1 Thrasher 3-4 Cowbirds
 ✓ 7-8 Pine Siskins 30+ Starlings
 30-40 C. Waxwings 5-6 House Sps.

15-20 Cardinals 1-2 Song Sps.
 2-3 Mockers 1 C. Wren
 1 Pil. Woodpecker 4 Goldfinches
 1-2 Flickers (5) 5-6 Chickadees
 1-2 Red-bellies 5-6 Titmice
 2-3 Downys 2 Nuthatches
 3-4 Juncos
 30+ White-throats
 ✓ 2 White-crowns

2-16-81 Mon. 30° - 56°
 Cloudless & calm early; few
 clouds on S horizon by 9:05 A.M.,
 & wind SE, 5-25 mph (gusty).

SE-WNW
 6 C. Geese (local?) 15-20 Doves Δ (5)
 ✓ 3 Towhees Δ (5) 5-6 Crows
 ✓ 1 Thrasher Δ 5-6 Jays

Honey Bee - very active

30-40 C. Waxwings Δ 30+ Starlings
8-10 Pine Siskins Δ 8 House Sps.
30-40 House Finches Δ 1-2 Song " (S)
10-15 Cardinals Δ (S) 1 C. Wren (S)
2-3 Mockers Δ 4 Goldfinches Δ
1-2 Flickers 5-6 Chickadees (S)
1-2 Red-bellies Δ 5-6 Titmice (S)
2-3 Downys Δ 2 Nuthatches (S)
1-2 Bluebirds 2-3 Cowbirds (S)
8-10 { Herring Gulls Δ 1 Red-shoulder
Ring-b. Gulls Δ 1 Fish Crow
✓ 4 Eye-browed Grouse Δ 1 TV 3X
3-4 Juncos (S) Δ ✓ 1 Pil. Woodpecker
30+ White-throats Δ Δ 1 Kestrel
✓ 2 White-crowns Δ

We buried Twiggy today (ground has been frozen) - beside Nellie. It has been so cold that she was as neat and beautiful as ever. Will plant flowers and bulbs there (at Pitzer, near little house).

2-17-81 Tues. 47°-60°

Clair's birthday!

Light shower about 2:15 A.M.
Overcast - occ. sun - wind
S, 5-10 mph., 10:00 A.M. - 2:00 P.M.
Brief drizzle about 2:00 P.M.

#1 C. Geese (unseen?) 10-15 Doves (S)
✓ 4 Juncos Δ 5-6 Crows
8-10 Pine Siskins Δ 4 Jays Δ
30-40 House Finches (S) Δ 30+ Starlings Δ
30-40 C. Waxwings Δ 6 House Sps. Δ
15-20 Cardinals (S) 1-2 Song " (S)
2-3 Mockers Δ 1 C. Wren (S)
1 Pil. Woodpecker 4 Goldfinches Δ
2 Flickers 5-6 Chickadees (S)
1-2 Red-bellies Δ 5-6 Titmice (S)
3 Downys Δ 2 Nuthatches (S)
22 Herring Gulls Δ 1 Red-shoulder
30-40

(S)
 4 Juncos (S) 1 Meadowlark
 30+ White-throats (S) 5 Bluebirds (S) in
 ✓ 2 White-crowns 20-30 Grackles
 ✓ 1 Robin ✓ 2 Eve. Grosbeaks
 ✓ 1 Fox Sparrow 1 Fish Crow
 ✗ 2 Mallards 2 Cowbirds
 (to Pond)

Full Moon

2-18-81 Wed. 42° - 72°

Away 7:05 - 9:10 A.M. - Fairfax
 A.M. Lions Club.

Light drizzle, 6:00 - 7:00 A.M.
 Heavy overcast - clearing
 somewhat by 8:30 A.M. - then
 cloudy but bright sun - warm
 - wind SW, 10-20 mph.

Glorious Spring - 9 day!

✓ 3 Towhees (S) 28 (S) 15-20 Robins (S)
 ✓ 1 Thrasher (S) 5-7 Crows
 ✓ 8-10 Pine Siskins (S) 4-5 Jays (S)

Honey Bee

30+ House Finches (S) 8-10 Grackles
 30-40 C. Waxwings (S) 30+ Starlings
 15+ Cardinals (S) 6-8 House Sps (S)
 2-3 Mockers (S) 1-2 Song " (S)
 2 Flickers (S) 1 C. Wren (S)
 1-2 Red-bellies (S) 4 Goldfinches (S)
 2-3 Downys (S) 5-6 Chickadees (S)
 20+ Herring Gulls 5-6 Titmice (S)
 Ring-b. " 2 Nuthatches
 ✓ 1 Fox Sparrow (S) Red-shoulders
 2 Bluebirds (S)
 2-3 Robins

2-19-81 Thurs. 51° - 62°
 Overcast; mist early; then
 occ. light showers; occ.
 very light breezes; sun
 showing faintly a few times.

✓ 3 Towhees (S) ^{28 1/2} Δ 15-20 Doves (S) Δ
 ✓ 1 Thrasher Δ 5-6 Crows
 ✓ 8-12 Pine Siskins (S) Δ 4 Jays Δ
 ✓ 30-40 House Finches (S) ¹⁰⁰⁺ Δ 4-5 Grackles
 ✓ 1 Fox Sparrow (S) 1 Red-wing (S) ^{ad. ♂} Δ
 30+ C. Waxwings Δ 30+ Starlings ^{4-6 A} Δ
 10-15 Cardinals (S) Δ 6-8 House Spr. Δ
 2-3 Mockers Δ ✓ 1-2 Song " (S) Δ
 1 Pil. Woodpecker 2 C. Wrens (S) Δ
 1-2 Flickers 4 Goldfinches (S) Δ
 1-2 Red-bellies ^{♀ Δ} 5-6 Chickadees (S) Δ
 3 Downys ^{2 ♀ 1 ♂} 3 Δ 5-6 Titmice (S) Δ
 ✓ 2 Bluebirds (S) 2 Nuthatches
 100+ Herring Gulls [⊗] 1 Red-shoulder
 1 Ring-b. Gull
 1 Robin

2-20-81 Fri. 52° - 58°
 Gentle showers in night-to morning
 - heavy overcast - high fog - occ.
 light showers during day.

Rain = 0.4"

✗ 1 Field Sparrow (S) ¹⁵⁺ Doves Δ
 ✓ 3 Towhees ^{1 ♀ 2 ♂} 5-6 Crows
 ✓ 1 Thrasher 4 Jays Δ
 30-40 House Finches ¹⁰⁰⁻¹⁵⁰ Grackles
 ✓ 8-10 Pine Siskins ³⁰⁻⁵⁰ Starlings
 ✓ 1 Fox Sparrow 6-8 House Spr. Δ
 4 Juncos 1-2 Song " Δ
 30+ White-throats 1 C. Wren
 ✓ 2 White-crowns 4 Goldfinches (S) Δ
 15+ Cardinals 5-6 Chickadees (S) Δ
 2-3 Mockers 5-6 Titmice (S) Δ
 1-2 Flickers 2 Nuthatches
 ✓ 2 Red-bellies ^{♂ ♀} [⊗] 1 Red-shoulder
 3 Downys (30) 1 Meadowlark (S) Δ
 1-2 Bluebirds (S) ³⁰⁻⁴⁰ Red-wings
 200+ Herring Gulls ³⁰⁻⁴⁰ C. Waxwings
 1 Pil. Woodpecker 1 Cowbird

2-21-81 Sat. 47° - 54°
 Light showers during night;
 fine mist to 7:00 A.M. -
 wind gusty early A.M. - then
 N, 10-35 m.p.h. (in gusts)
 - occ. "spitting showers" during
 day - occ. bright sun mid-
 day.

✓ 3 Towhees ¹⁰⁻²⁰ Δ 15+ Doves Δ
 ✓ 1 Thrasher Δ 5-6 Crows
 30-40 House Finches Δ 4 Jays Δ
 ✓ 7-10 Pine Siskins Δ 30-40 Grackles ¹⁵⁻²⁰
 ✓ 1 Fox Sparrow Δ 3-4 Red-wings ¹⁰
 4 Juncos Δ 30-40 Starlings ¹⁰⁻¹⁵
 30+ White-throats Δ 6-8 House Sp. Δ
 ✓ 2 White-crowns Δ 1-2 Song " Δ
 15+ Cardinals Δ 1 C. Wren
 2-3 Mockers Δ 4 Goldfinches
 1-2 Flickers 5-6 Chickadees Δ

2 Red-bellies ²⁰ Δ 5-6 Titmice Δ
 3 Downys ³⁰ Δ 2 Nuthatches
 100+ Herring Gulls ²⁰ Δ 1 Sharp-shin ¹⁰ Δ
 ✓ 2 Eve. Grosbeaks ²⁰ Δ 1 Red-shoulder
 1 Robin 2 TVs (8:15 AM)
 30-40 Waxwings ✓ 1 Fish Crow

58°F
 2-22-81 Sun. 51° -

Heavy overcast; occ. very light
 drizzle or mist to about 10:30 A.M.
 bit of sunlight about noon, then heavy
 overcast again. 3:30 on - wind S, 5-15
 mph.

✓ 3 Towhees ¹⁰⁻²⁰ (s) Δ 15-20 Doves (s) Δ
 ✓ 1 Thrasher Δ 5-6 Crows
 ✓ 1 Fox Sp. (s) Δ 4-5 Jays Δ
 ✓ 1 Field Sp. (s) ²⁰⁻³⁰ Δ Grackles
 18-25 Pine Siskins (s) ³⁻⁴ Δ Red-wings (s) Δ
 30-40 House Finches (s) ³⁰⁺ Δ Starlings (s) Δ
 ✓ 2 Eve. Grosbeaks ²⁰ Δ 1 House Sp. Δ
 2 ♀ 1 ♂

4 Juncos (s) 1 2 Song Sps. ^{Δ(s)}
 30+ White-throats 1 C. Wren ^{Δ(s)}
 2 White-crowns 4 Goldfinches ^{Δ(s)}
 15-20 Cardinals (s) 5-6 Chickadees ^{Δ(s)}
 2-3 Mockers 5-6 Titmice ^{Δ(s)}
 1 Pil. Woodpecker (up 4 feet) 2 Nuthatches ^(s)
 2 Flickers, 1 Red-shoulder ^(s)
 2 Red-bellies 1 Meadowlark ^(s)
 3 Downys 1 Herring Gull
 30-40 C. Waxwings 100 Ring-b. Gulls
 2 Bluebirds (s) 1 TV
 2-3 Robins 1 Cowbird ♀

✓ 18 Pine Siskins at one time
 at feeders - others darting in
 and out - perhaps 25 total

2-23-81 Mon. 55° - 59°
 Occ. showers during ^{night} - contin-
 uing this A.M. - fairly hard
 at times - wind SE 15-25 mph.
 shifting in afternoon to SW, etc.
 rain through afternoon -

RAIN = 0.6"

✓ 4 Towhees ^{1 ♀ 3 ♂ Δ} 15+ Doves
 1 Thrasher 5-6 Crows
 ✓ 1 Fox Sparrow 4-5 Jays
 ✓ 15-20 Pine Siskins 20+ Grackles
 ✓ 30+ House Finches 4-5 Red-wings
 4 Juncos 30-40 Starlings
 30+ White-throats 6-8 House Sps.
 ✓ 2 White-crowns 1-2 Song "
 15-20 Cardinals 1 C. Wren
 2-3 Mockers 4 Goldfinches
 2 Flickers 5-6 Chickadees
 2 Red-bellies 5-6 Titmice
 3 Downys 2 Nuthatches

✓ 4-5 Eve. Grosbeaks 15-20(?)
 15-20 Ring-b. Gulls ✓ Field Sp. (5)

Note: Claire says
 Marge Ward (and Phyllis
 Smith) report a Red-
 headed Woodpecker at
 their homes.

2-24-81 Tues. 34° - 49°

Fog; paper-thin skin of
 ice on bird-bath; partly
 cloudy; occ. bright sun - few
 drops of rain 1:30 - 1:40 P.M. -
 wind N, 5-15 mph.

✓ 1 Field Sp. (5) 15+ Doves
 3 Towhees 12-20 8-10 Crows
 1 Thrasher 4 Jays
 1 Fox Sparrow 12 Flickers 12-20

18-20
 30-40 House Finches 5-6 Red-wings
 10-15 Pine Siskins 30+ Starlings
 4-5 Juncos 6-8 House Sps.
 30+ White-throats 1-2 Song Sps. (5)
 2 White-crowns 1 C. Wren (5)
 15-20 Cardinals 4 Goldfinches (5)
 2-3 Mockers 5-6 Chickadees (5)
 2 Flickers 5-6 Titmice (5)
 2 Red-bellies 2 Nuthatches
 3 Downys 1 Meadowlark (5)
 30-40 Herring Gulls 10-15 Ring-b. Gulls
 4 Bluebirds 1-2 C. Geese (local?)
 1 Robin 2 TVs
 30-40 C. Waxwings 1 Cowbird

2-25-81 Wed. 35° - 48°

Partly cloudy all day; gusty
 N wind 10-40 mph.

^{2♂/♀}
 3 Eve. Grosbeaks ^Δ 15 Doves ^Δ
 30-40 C. Waxwings ^Δ 5-6 Crows
 3 Juncos ^Δ ^{2♂/♀} 4 Jays ^Δ
 1 Thrasher ²⁰⁺ Grackles ^{♂/♀}
 #1(?) C. Geese (unseen) ^{local?} 4-5 Red-wings ^{♂/♀}
 8-10 Pine Siskins ^Δ 30+ Starlings ^{♂/♀}
 30+ House Finches ^Δ ⁶⁻⁸ House Sps. ^Δ
 4 Juncos ^Δ 1-2 Song " ^Δ
 30+ White-throats ^Δ 1 C. Wren ^(S)
 2 White-crowns ^Δ 4 Goldfinches ^Δ
 15+ Cardinals ^Δ 5-6 Chickadees ^Δ
 2-3 Mockers ^Δ 5-6 Titmice ^Δ
 2 Flickers ^Δ 2 Nuthatches ^Δ
 1-2 Red-bellies [♀] ¹⁰⁻¹⁵ Herring Gulls
 3 Downys ^Δ ^{3/22/22} Fish Crows ^Δ
 1 Field Sparrow(s) 1 TV [♂]

Note:

✓ 1 Fish Crow early - then
 13 (calling) in one flock (W-E)
 low, mid-afternoon - then
 8 more a half-hour later,

low (calling) - W-E.

Also: Lucy Johnston
 reported to Claire - 3
 Red-shoulders in last few
 days, and 100+ Robins
 daily.

Joe Kemper reports
 many ⁽⁴⁰⁺⁾ House Finches, no
 Siskins, 5-7 E. Grosbeaks
 almost every day; Lowell Padgett
 - Bald Eagle at Bull Run Marina; one
 near Buckhall.

2-26-81 Thurs, 39°-52°
 Cloudless; wind NNE, 10-40 mph
 very gusty all day - few
 scattered clouds in afternoon.

MOURNING CLOAK butterfly
over terrace - 2-3 minutes

✓ 11 C. Geese ^{SSE-NW 15+} Doves
2-3 Towhees ^{1♂ 1-2♂} 5-6 Crows
1 Thrasher 4 Jays
8-10 Pine Siskins 20+ Grackles
30-40 House Finches 17 Red-wings
30-40 C. Waxwings 30+ Starlings
4 Juncos 6-8 House Sps.
30+ White-throats 1-2 Song "
2 White-crowns 1 C. Wren
1 Field Sp. (s) 4 Goldfinches
15+ Cardinals 5-6 Chickadees
2-3 Mockers 5-6 Titmice
2 Flickers 2 Nuthatches
2 Red-bellies ^{♂ & ♀} 1 Fish Crow
3 Downys 1 TV
1 Herring Gull 1 Ring-b. Gull
✓ 2 Bluebirds ^{♂ & ♀ (s)} 1 Red-shoulder

2-27-81 Fri. 37°-60°

Cloudless; wind N, 10-25 mph.
to late aft.; high, light clouds
4:00 P.M. on

✓ 1 Field Sp. (s) ¹⁵⁻²⁰ Doves ¹⁰⁰
✓ 3 Eve. Grosbeaks ^{1♂ 1♀} Crows
✓ 2 Yellow-r. Ws. 4 Jays ^Δ
✓ 2-3 Towhees ^Δ 20+ Grackles ^{2-3Δ}
✓ 1 Thrasher ^Δ 2-3 Red-wings ^{1Δ}
30-40 House Finches ^Δ 1 Cowbird ^{♀ Δ}
11-15 Pine Siskins ^{Δ 30+} Starlings ^{2-3Δ}
4 Juncos ^Δ 6-8 House Sps. ^Δ
30+ White-throats ^Δ 2 Song " ^Δ
2 White-crowns ^Δ 1 C. Wren (s)
30-40 C. Waxwings ^Δ 4 Goldfinches ^Δ
15-20 Robins 5-6 Chickadees ^Δ
15+ Cardinals ^Δ 5-6 Titmice ^Δ

2-3 Mockers Δ 2 Nuthatches Δ
 2-3 Flickers Δ 2-3 Ring-b. Gulls Δ
 2 Red-bellies Δ ~~(X)~~ Red-shoulder Δ
 3 Downys Δ 1 TV (4X)

2-28-81 Sat. 35° - 64°
 Overcast; occ. weak sun-
 light; wind S, 5-10 mph.
Very light rain began 4:00 P.M.

2-3 Towhees 15-20 Doves 10Δ
 1 Thrasher 5-6 Crows
 1 Field Sp. (S) 4 Jays
 10-12 Pine Siskins 6-10 Grackles
 30+ House Finches 2-3 Red-wings
 3 Eve. Grosbeaks 2Δ 30+ Starlings
 30+ C. Waxwings 1Δ 6-8 House Sps.
 4 Juncos 2 Song " 11
 30+ White-throats 1 C. Wren (S)

2 White-crowns 4 Goldfinches
 3-4 Robins 5-6 Chickadees
 15+ Cardinals 5-6 Titmice
 2-3 Mockers 2 Nuthatches
 2 Flickers 75-100 Herring Gulls
 2 Red-bellies Ring-b. "
 3 Downys 2 Bluebirds
~~(X)~~ Red-shoulder 1 TV (3X)

3-1-81 Sun. 47° - 56°
 Light overcast early; gusting
 winds beg. last night, 5-25
 mph. - abating a bit in afternoon -
 almost cloudless in afternoon -

3-4 Eve. Grosbeaks Δ 15-20 Doves Δ
 3 Towhees Δ 5-6 Crows
 1 Thrasher Δ 4 Jays Δ
 30-40 House Finches Δ 6-8 Grackles 11Δ
 30-40 C. Waxwings Δ 2-4 Red-wings Δ

First Chipmunk (Δ) - 9:30 AM
(cle)

10-15 Pine Siskins Δ 30+ Starlings Δ 1-2 Δ
4 Juncos Δ 6-8 House Sps Δ
30+ White-throats 2 Song " Δ
2 White-crowns 1 C. Wren
2-3 Robins 4 Goldfinches Δ
15+ Cardinals Δ 5-6 Chickadees Δ
2-3 Mockers Δ 5-6 Titmice Δ
1 Pil. Woodpecker 2 Nuthatches
2 Flickers 200+ { Herring Gulls
2 Red-bellies { Ring-b. "
3 Downys 2-3 Bluebirds
* 1 Red-shoulder 2 TVs { 7:00 AM
1 Cowbird ♀ Δ

3-2-81 Mon. 37° - 48°

overcast; calm early;
partly cloudy mid-day; over-
cast in aft. - wind N, 10-35
mph in P.M.

Chipmunk

✓ 4-5 Eve. Grosbeaks 1 ♀ Δ 15-20 Doves Δ
3 Towhees 1 ♀ 2 ♂ Δ 5-6 Crows
✓ 1 Thrasher Δ 8 Jays Δ
30-40 House Finches Δ 10-12 Grackles 12 Δ
30-40 C. Waxwings Δ 2-3 Red-wings 1 ♂ Δ
10-15 Pine Siskins Δ 1 Cowbird ♀ Δ
1-2 Robins 30+ Starlings 2-3 Δ
15+ Cardinals Δ 6-8 House Sps. Δ
2-3 Mockers Δ 2 Song " Δ
2 Flickers 1 C. Wren
2 Red-bellies 1 ♀ Δ 4 Goldfinches Δ
3 Downys Δ 5-6 Chickadees Δ
* 1 Red-shoulder 5-6 Titmice Δ
100+ { Herring Gulls 2 Nuthatches
{ Ring-b. Gulls 1 Fish Crow
30+ White-throats Δ * Sharp-shin
2 White-crowns Δ (in yard)
4 Juncos Δ

3-3-81 Tues. 31° - 43°

Cloudless to about 9:30 A.M.
Wind N, 10-30 mph. Cloudless
again in P.M.

3 Eve. Grosbeaks ¹⁰⁻²⁰ Doves ¹
10-15 Pine Siskins ⁵⁻⁶ Crows ²
30+ House Finches ⁶⁻⁸ Jays ¹
3 Towhees ^{1♀ 2♂} 10-12 Grackles ²⁻³
1 Thrasher ¹ 3 Red-wings ¹⁰⁻¹⁵
30-40 C. Waxwings ¹ 1 Cowbird ¹
4 Juncos ¹ 20+ Starlings ²⁻³
30+ White-throats ⁶⁻⁸ House Sps. ¹
2 White-crowns ¹ 2 Song " ¹
15-20 Cardinals ¹ 1-2 C. Wrens
2-3 Mockers ¹ 4 Goldfinches ¹
2 Flickers ¹ 5-6 Chickadees ¹
2 Red-bellies ¹ 5-6 Titmice ¹
3 Downys ¹ 2 Nuthatches

1 Red-shoulder { Herring Gulls
1 Cowbird & ¹⁰⁰ + { Ring-b. "
✓ 1 Fox Sparrow

3-4-81 Wed. 21° - 42°

Cloudless early, then some high,
then haze; overcast in aft.;
wind S, 10-15 mph. in aft.
Drizzle began 5:20 P.M. -

2 Bluebirds ¹⁵⁺ Doves ¹
✓ 3 Eve. Grosbeaks ¹⁰⁻¹⁵ Crows ²
✓ 10-12 Pine Siskins ¹ 6 Jays ¹
✓ 30+ House Finches ¹⁰⁻¹⁵ Grackles ²
✓ 3 Towhees ^{1♀ 2♂} 4-5 Red-wings ¹⁰⁻¹⁵
✓ 1 Thrasher ¹ 1 Cowbird ¹
✓ 1 Fox Sparrow ¹ 30+ Starlings ²⁻³
30+ C. Waxwings ¹ 6-8 House Sps. ¹
4 Juncos ¹ 2 Song " ¹
30+ White-throats ¹ 1 C. Wren

2 White-crowns ^Δ 4 Goldfinches ^Δ
 15+ Cardinals ^Δ 5-6 Chickadees ^Δ
 2-3 Mockers ^Δ 5-6 Titmice ^Δ
 2-3 Flickers ^Δ 2 Nuthatches ^Δ
 2 Red-bellies ^{2♂♂} 1 Fish Crow
 3 Downys ^Δ ~~1~~ Great Bl. Heron ⁵⁻¹¹
 1 Field Sp. (s)

3-5-81 Thurs. 36° - 38°

Occ. light showers during
 night (0.5" by 7:00 A.M.), contin-
 uing today. Heavy overcast;
 Occ. drizzle and mist all
 day. Light snow 5:15 P.M.
 mixed with rain - ending early night.

* 1 Killdeer 15+ Doves ^Δ
 3 Towhees ^{1♀ 2♂} ^Δ 5-6 Crows
 1 Thrasher ^Δ 4-6 Jays ^Δ
 10-15 Pine Siskins ^Δ 3-4 Grackles ^Δ
 30-40 House Finches ^Δ 3 Red-wings ^Δ
 4 Juncos ^Δ 30+ Starlings ^{2♂ 3♀}

30+ White-throats ^{A 6-8} House Sp. ^Δ
 2 White-crowns ^Δ 2 Song " ^Δ
 15+ Cardinals ^Δ 1 C. Wren (s)
 2-3 Mockers ^Δ 4 Goldfinches ^Δ
 2-3 Flickers ^Δ 5-6 Chickadees ^Δ
 2 Red-bellies ^{2♂ 5-6} Titmice ^Δ
 3 Downys ^Δ 2 Nuthatches ^Δ
 1 Red-shoulder 1 Fish Crow
 1 Fox Sparrow (Herringgull)
 2 Robins ³⁰⁰⁻³ Ring-b. " ⁴⁰⁰
 1 TV

3-6-81 Fri. 36° - 44°

Total precip. yesterday = 0.6"
 Almost cloudless early - very
 cloudy by 8:30 A.M. - clearing
 somewhat later - wind
 N, 10 - 35 mph in gusts

4 Eve. Grosbeaks Δ 15⁺ Doves 10 Δ
 3 Towhees Δ 4⁵ Crows
 1 Thrasher Δ 4 Jays Δ
 1 Fox Sparrow Δ 3⁴ Grackles 2 Δ
 10-15 Pine Siskins Δ 3 Red-wings 3 Δ
 30+ House Finches Δ 30⁺ Starlings 3 Δ
 4 Juncos Δ 6-8 House Sps.
 30+ White-throats Δ 2 Song " Δ
 2 White-crowns Δ 1 C. Wren (s)
 15⁺ Cardinals Δ 4 Goldfinches 1 Δ
 2-3 Mockers Δ 5-6 Chickadees
 2-3 Flickers 5-6 Titmice Δ
 2 Red-bellies 2 Δ 2 Nuthatches
 2-3 Downys Δ 1 TV
 30-40 C. Waxwings 4⁵ Herring Gulls
 100⁺ Ring-b. "

3-7-81 Sat. 30° - 44°

Virtually cloudless; wind
 N, 10-40 mph (gusty) - beg.
 about 5:15 A.M., continuing all
 day; cloudless in afternoon.

10-15 Eve. Grosbeaks (1-2 Δ) 15⁺ Doves 8 Δ
 3 Towhees Δ 5-6 Crows 1 Δ
 1 Thrasher Δ 4 Jays Δ
 1 Fox Sparrow Δ 4-5 Grackles 2-3 Δ
 10-12 Pine Siskins Δ 2-3 Red-wings
 30-40 House Finches Δ 20-30 Starlings 2 Δ
 4 Juncos Δ 6-8 House Sps.
 30+ White-throats Δ 2 Song " Δ
 2 White-crowns Δ 1 C. Wren
 2 Robins 4 Goldfinches
 15⁺ Cardinals Δ 5-6 Chickadees
 2-3 Mockers Δ 2 Nuthatches

2 Flickers } Herring Gulls
 2 Red-bellies } 100+ King-b. "
 3 Downys
 30-40 C. Waxwings

3-8-81 Sun. 32° - 46°

Almost cloudless early;
 wind NN E / N / NW
 10-25 mph. Incr.
 cloudiness, overcast by about
 3:30 P.M. - "low" day.

15 Eve. Grosbeaks ^{in yard} 2-30 15+ Doves
 3 Towhees 5-6 Crows
 1 Thrasher 4 10 Jays 6
 30-40 C. Waxwings 3 Grackles 30
 8-10 Pine Siskins 2-3 Red-wings (s)
 30-40 House Finches 30+ Starlings 20
 1 Fox Sparrow 6-8 House Sps.
 4 Juncos 2 Song "

30-40 White-throats 1 C. Wren (s)
 2 White-crowns 20 4 Goldfinches (s)
 2-3 Robins 5-6 Chickadees (s)
 15+ Cardinals (s) 5-6 Titmice (s)
 2-3 Mockers 2 Nuthatches
 1 Pil. Woodpecker 25-30 Fish Crow
 2-3 Flickers 1 Cowbird (s)
 2 Red-bellies 40-50 Herring Gulls
 3 Downys 40-50 King-b. "
 1 Sharp-shin 1 Field Sp. (s)
 1 TV (3x)

25-30 flying W-E,
 calling - low over yard.

3-9-81 Mon. 39° - 48°

Overcast; calm early;
 mostly cloudy in afternoon -
 wind N, 10-30 mph.

✓ 4-5 Eve. Grosbeaks ^{4 ♀} Δ 15⁺ Doves Δ
 30-40 C. Waxwings Δ 5-6 Crows
 3 Towhees Δ 6 Jays Δ
 1 Thrasher Δ 3-4 Red-wings Δ
 1 Fox Sparrow Δ 5 Cowbirds ^(5 Δ)
 30-50 House Finches ²⁰⁺ Starlings ²⁰
 7-10 Pine Siskins Δ 6-8 House Sps. Δ
 4 Juncos Δ 2 Song " Δ
 30-40 White-throats Δ 1 C. Wren (s)
 2 White-crowns Δ 4 Goldfinches
 15⁺ Cardinals Δ 5-6 Chickadees
 2-3 Mockers Δ 5-6 Titmice Δ
 2-3 Flickers 2 Nuthatches
 2 Red-bellies ^{8 ♀} Δ
 3 Downys ^{1 ♂ 2 ♀} Δ 100⁺ { Herring Gulls
 1 Field Sp. (s) Δ 1 Fish Crow
 (*) 1 Red-shoulder (*) 1 Kestrel v
 1 Pil. Woodpecker 1 Yellow-r.w.
 1 Kestrel on wire beside Clifton
 Rd., west of Cloverleaf Farms.

3-10-81 Tues. 29°-51°
 Cloudy; then overcast with
 occ. bright sun; wind N, 10-25 mph

✓ 3 Eve. Grosbeaks ^{2 ♀ 1 ♂} Δ 15⁺ Doves Δ
 ✓ 3 Towhees 2 ♂ 1 ♀ Δ 5-6 Crows
 ✓ 1 Thrasher Δ 5-6 Jays Δ
 ✓ 1 Fox Sparrow Δ 100⁺ Grackles ³⁰ Δ
 30-40 C. Waxwings 3 Red-wings ³⁰ Δ
 10-15 Pine Siskins Δ 1 Cowbird
 30-40 House Finches ²⁰⁺ Starlings ²⁻³⁰ Δ
 4 Juncos Δ 6-8 House Sps. Δ
 30-40 White-throats Δ 2 Song " Δ
 2 White-crowns Δ 1 C. Wren (s)
 2 Robins 4 Goldfinches Δ
 15⁺ Cardinals Δ 5-6 Chickadees Δ
 2-3 Mockers Δ 5-6 Titmice Δ
 1 Flicker 2 Nuthatches

"Wooley Bear" coming out of garage -
to Boxwood - all orange, except tiny
black ends.

2 Red-bellied [♂] 2 Bluebirds ^{ex} (s)
3 Downys ^{2♀ 1♂} ✓ 1 Fish Crow
2 TVs

3-11-81 Wed. 34° - 52°

Overcast; few drops of
rain beg. 8:00 A.M. - ending in
5 min. Occ. sun, then overcast
by 9:30 A.M. Wind

Eve. Grosbeaks	Doves
Towhees	Crows
Thrasher	Jays
Fox Sparrow	Grackles
C. Waxwings	Red-wings
House Finches	Starlings
Pine Siskins	House Sps.
Juncos	Song "
White-throats	C. Wren
White-crowns	Goldfinches

Cardinals	Chickadees
Mockers	Titmice
Flickers	Nuthatches
Red-bellied	Herring Gulls
Downys	Ring-b. "
Bluebirds (s)	Meadowlark (s)
Robin [✓] (s) ⊗	Red-shoulders

3-12-81 Thurs. 35° -

Scattered clouds; wind NNE,
10-~~25~~³⁰ mph. - or a bit more.
Cloudless from about 11:30
A.M. - wind shifting to W in
aft. - 20-30 mph

2 Bluebirds (s)	1520 Doves ⁶ Δ
3 Towhees ¹ Δ	5-6 Crows ² Δ
1 Thrasher Δ	6-8 Jays Δ
~~50-75~~ ~~30-40~~ House Finches ¹ Δ	30 Grackles ³⁰ Δ
✓ 10-15 Pine Siskins ¹ Δ	3 Red-wings ³⁰ Δ
30-40 C. Waxwings ¹ Δ	30+ Starlings ²⁰ Δ

away 1/15 - 3:30 P.M.

in yard
2-3 Eve. Grosbeaks 6-8 House Sps. Δ
4 Juncos Δ 2 Song " Δ
30+ White-throats 1 C. Wren (s)
2 White-crowns 4 Goldfinches
15+ Cardinals Δ 5-6 Chickadees Δ
2-3 Mockers 5-6 Titmice Δ
1-2 Flickers 2 Nuthatches
2 Red-bellies ²⁸ Δ 30+ Herring Gulls
3 Downys ²⁸ Δ Ring-b. Gulls
1 Red-shoulder 2 TVs Δ
2 Robins 1 Fox Sparrow
1 Yellow-r.w.

3-13-81 Fri. 37° -

Partly cloudy all day;
wind SE, 10-25 mph;
shifting to N about 3:00 P.M.

TVs are due in Hinkley, Ohio
on 3/15!

3 Towhees (s) Δ 15-20 Doves ⁶⁻⁸ Δ (s)
1 Thrasher Δ 5-6 Crows
✓ 1 Fox Sparrow Δ 6-8 Jays Δ
✓ 2 Bluebirds ^{2x} (s) 3-5 Grackles ^(s) Δ
40-50 House Finches ^(s) Δ 3 Red-wings ^(s) Δ
10-15 Pine Siskins ^(s) Δ 30+ Starlings ¹²⁻³⁰ Δ
30-40 C. Waxwings Δ 6-8 House Sps. Δ
4 Juncos (s) Δ 2 Song " ^(s) Δ
30+ White-throats ^(s) Δ 1 C. Wren ^(s) Δ
2 White-crowns Δ 4 Goldfinches ^(s) Δ
20 Robins 5-6 Chickadees ^(s) Δ
15+ Cardinals ^(s) Δ 5-6 Titmice ^(s) Δ
1-2 Flickers 2 Nuthatches ^(s) Δ
2 Red-bellies Δ 1-2 Field Sps. (s)
3 Downys Δ 1 Meadowlark (s)
2-3 Mockers (s) Δ Herring Gulls
1 Killdeer ^(s) Δ Ring-b. "
2 Eve. Grosbeaks ²⁸ Δ Field Sps. (s)
⊗ Red-tail (s-N) ⊗ Red-shoulder
157 TVs ✓ ✕ ✕

✓ 2 TVs in mid day - then 13 N-S, low,
at 5:55 P.M.

3-14-81 Sat. 30° - 46°
Partly cloudy early; wind
N, 15-40 mph. - very
gusty - cloudless in aft.

✓ 4 Towhees ³⁰⁺¹² 15+ Doves ⁸ Δ
✓ 1 Eve. Grosbeak ¹² 5-6 Crows
10-15 Pine Siskins ^Δ 6-8 Jays ^Δ
40+ House Finches ^Δ 10 Grackles ¹⁰⁰ Δ
30-40 C. Waxwings ^Δ 3 Red-wings ³⁰ Δ
4 Juncos ^Δ 30+ Starlings ³⁰ Δ
30+ White-throats ^Δ 6-10 House Sps. ^Δ
2 White-crowns ^Δ 2 Song " ^Δ
4-6 Robins ^Δ 1-2 C. Wrens ¹⁵ Δ
15+ Cardinals ^Δ 4 Goldfinches ^Δ
2-3 Mockers ^Δ 5-6 Chickadees ^Δ
2 Flickers ^Δ 5-6 Titmice ^Δ
2 Red-bellies ^Δ 2 Nuthatches ^Δ
3 Downys ^Δ 20+ Herring Gulls

1 Thrasher ²⁰⁺ Ring-b. Gulls
1 Fox Sparrow

3-15-81 Sun. 23° - 62°
High, thin hazy clouds
early; becoming heavier later;
wind S, 5-³⁰25 mph, gusty. Clouds
thinning late aft.

3 Eve. Grosbeaks ²⁸¹⁸ 15+ Doves (5) Δ
2 Bluebirds (5) 5-6 Crows
2 Yellow-n. Ws. 6-8 Jays Δ
3-4 Towhees (5) ^Δ 6-8 Grackles (5) Δ
1 Thrasher ^Δ 3 Red-wings (5) Δ
30-50 House Finches (5) 30+ Starlings ³⁻⁴ Δ
8-12 Pine Siskins (5) 6-8 House Sps. ^Δ
30-40 C. Waxwings Δ 2 Song " (5) Δ
2-3 Robins (5) 1 C. Wren (5) Δ
15+ Cardinals (5) Δ 4 Goldfinches (5) Δ
2-3 Mockers (5) Δ 5-6 Chickadees (5) Δ
1 Flicker 5-6 Titmice Δ
2 Red-bellies ¹⁰ Δ 2 Nuthatches

Chipmunk

40 { Herring Gulls 1 Fish Crow
-50 { Ring-b. " 1 Cowbird
* 1 Red-shoulder * 1 Red-tail
2 TVs { 2-2X S-N
1-4X 9:00 AM
1 Field Sparrow

3-16-81 Mon. 46° - 58°

Overcast - bit of a shower
last night - calm early;
drizzle of varying intensity all
day - wind 8:30 - gusting to 40 mph.
Light snow mixed with rain by.

2:30 P.M. - ending 4:00 P.M.

* 1 Phoebe (c) 15+ doves 50
3 Eve. Grosbeaks 20-30 4-5 Crows
2 Yellow-r. W. 5-6 Jays Δ
3-4 Towhees 1-2 2-3 4-5 Grackles Δ
1 Thrasher Δ 2-3 Red-wings
8-12 Pine Siskins Δ 1 Cowbird (s)
30-40 House Finches 20-30 Starlings Δ
2 Bluebirds 6-8 House Sps.

TVS arrived in Hinkley P.
yesterday - on time! 30,000

30-40 C. Waxwings 30-40 2 Song Sps 20
4 Juncos Δ 1 C. Wren
30-50 White-throats Δ 4 Goldfinches 4 Δ
2 White-crowns Δ 5-6 Chickadees
3 Robins 5-6 Titmice Δ
15+ Cardinals Δ 2 Nuthatches
2-3 Mockers Δ 1 Field Sp. Δ
1 Flicker 40-50 Herring Gulls
2 Red-bellied Δ Ring-b. "
3 Downys 3 Δ

7:10 PM - Raccoon
in Δ - climbed Pyracantha,
pulled up yellow-bird-feeder
by plastic-covered wire,
grasped base of feeder in
mouth and dumped out
sunflower seed; then
descended to ground &
ate seed.

Sunrise 6:17 A.M. - sets 6:17 P.M.

3-17-81 Tues. 20°-50°

St. Patrick's Day!

Cloudless early; wind
S, 10-²⁰15 mph., shifting to
N by 10:00 A.M., becoming cloudy;
winds gusting to 46 mph.

2 Eve. Grosbeaks	15+ Doves
20-30 C. Waxwings	5-6 Crows
2 Bluebirds	5-6 Jays
8-12 Pine Siskins	4-5 Grackles
30-40 House Finches	18-20 Red-wings
3-4 Towhees	1 Cowbird
1 Thrasher	20-30 Starlings
4 Juncos	6-10 House Sps.
30-50 White-Throats	2 Song "
2 White-crowns	1 C. Wren
3-4 Robins	4 Goldfinches
15+ Cardinals	5-6 Chickadees
2-3 Mockers	5-6 Titmice
1 Flicker	2 Nuthatches

Vazquez - 10 steers - 1 calf -
1 horse.

2 Red-bellies
3 Downys

20-30 Herring Gulls
30 Ring-b. "
7 V S {very low - over 2nd

15
10 ♀ 3 ♂ Red-wings in Δ in
afternoon.

3-18-81 Wed. 25°-33°

Heavy overcast; tiny snow
began 7:05 A.M. - ending about
9:00 A.M. - few flakes in aft. -
weak sun, 4:30 on. Light N
wind 5-10 mph.

2-3 Eve. Grosbeaks	15+ Doves	60
3 Towhees	Δ	5-6 Crows 10
1 Thrasher	Δ	4-6 Jays Δ
30-40 House Finches	Δ	6-8 Grackles 60
8-15 Pine Siskins	Δ	8-10 Red-wings Δ
4 Juncos	Δ	1 Cowbird Δ

30-50 White-throats ^Δ	20-30 Starlings ^{-6-8Δ}
2 White-crowns ^Δ	6-8 House Sps. ^Δ
3-4 Robins	2 Song " ^Δ
15+ Cardinals ^Δ	1 C. Wren ⁺
2-3 Mockers ^Δ	4 Goldfinches ^Δ
1 Flicker	5-6 Chickadees ^Δ
2 Red-bellies ^Δ	5-6 Titmice ^Δ
3 Downys ^Δ	1-2 Nuthatches
20-30 Herring Gulls [✓]	1 Killdeer ^(2x)
{ Ring-b. Gulls	1 Field Sp. (5)

3-19-81 Thurs. 18°-41°

Cloudy; wind N, 5-15 mph.
occ. bright sun; tiny snow
shower about 3:00 P.M. -
fairly heavy to 4:00 P.M. - then
stopped - began again 5:15
P.M. - ending 5:30

✓ 3 Bluebirds ^{at box}	15+ Doves
10 C. Waxwings	5-6 Crows
3 Towhees	6-7 Jays
1 Thrasher	5 Grackles
30-40 House Finches	3 Red-wings
8-12 Pine Siskins	20+ Starlings
4 Juncos	6-8 House Sps.
30-40 White-throats	2 Song "
2 White-crowns	1 C. Wren
2 Robins	4 Goldfinches
15+ Cardinals	5-6 Chickadees
2-3 Mockers	5-6 Titmice
1-2 Flickers	1-2 Nuthatches
2 Red-bellies	{ Herring Gulls
3 Downys ¹⁰⁻¹²	{ Ring-b. "
✓ 2 Killdeer	1 Field Sp. (3)
1 Pil. Woodpecker [⊗]	1 Kestrel-low

Lucy - Robins -

3-20-81 Fri 25° -

Spring begins - 12:03 P.M.

Full Moon

Light snow began 6:40 A.M.
- heavier for a few min, -
ending 7:45 A.M. - mostly cloudy
remainder of day; wind N, 5-15 mph.

✓ # (?) C. Geese (prob.) 15+ Doves ⁶¹
? C. Waxwings 5-6 Crows
3 Towhees 6-8 Jays
1 Thrasher 4-5 Grackles
✓ 20 Pine Siskins ^{at once} 3-4 Red-wings
30-40 House Finches 20+ Starlings
4 Juncos 6-8 House Sps
30-40 White-throats 2 Song "
2 White-crowns 1 C. Wren
1-2 Robins 4 Goldfinches
15+ Cardinals 5-6 Chickadees
2-3 Mockers 5-6 Titmice

1 Pil. Woodpecker 1-2 Nuthatches
1 Flicker ✓ 3 Fish Crows
2 Red-bellies
3 Downys

3-21-81 Sat. 34° - 47°

Partly cloudy to mid-afternoon.
Wind N, 5-15 mph. Cloudless, 4:00 P.M. on.

Clarie reports snow 10:00
A.M. - fairly thick to 10:55 A.M.
- then sunny (snow over in 1 hr. &
and melted) - "snowflakes were
pretty in the sun".

* Away 7:35 A.M. - 4:05
P.M. - down with Jim Watson
- return with Lawrence (early)

Towhees	Doves
Thrasher	Crows
Pine Siskins	Jays
House Finches	Grackles

* 3 Deer at Hampshire - crossing
into Vazquez field - 7:45 A.M.

Juncos	Red-wings
White-throats 10	Cowbirds ¹⁰ Δ
White-crowns	(ccc) 11:00 AM
Robins	Starlings
Cardinals	House Sps.
Mockers	Song "
Flicker	C. Wren
Red-bellies	Goldfinches
Downys	Chickadees
✓ 1 Hairy ♀ Δ ^{fought} _{with} ^{g. downy}	Titmice
46 Gulls (sp?)	Nuthatches
	10 Cowbirds ^Δ (ccc)

3-22-81 Sun. 24° - 52°

Few hazy clouds; wind
5, 5-15 mph., changing to ENE
in aft. - overcast, 3:00
P.M. on (5-20 mph.)

away 12:30 - 3:15 Horse Show

✓ 2 Bluebirds ✓	15+ Doves
? C. Waxwings	5-6 Crows
15-20 Pine Siskins	6-8 Jays
40-50+ House Finches	6-8 Grackles
3 Towhees	2-3 Red-wings
1 Thrasher	2-3 Cowbirds
4 Juncos	30+ Starlings
30-50 White-throats	6-8 House Sps.
2 White-crowns	2 Song "
2-3 Robins	1 C. Wren
15+ Cardinals	4 Goldfinches
2-3 Mockers	5-6 Chickadees
1 Flicker	5-6 Titmice
2 Red-bellies	1-2 Nuthatches
3 Downys	40-50 Herring Gulls
(*) 1 Kestrel	Ring-b. "
	(*) 1 Red-shoulder

✓ Bluebirds at red wood
nest box 6:55 - 7:15 A.M.
✓ Kestrel over Newman Rd. -
near Clifton

3-23-81 Mon. 37° - 48°

Overcast; occ. weak sun;
wind NNE, 5-15 mph.

Much snow in N.C., W.Va.,
and S.W. Virginia.

Mostly clear by 4:30 PM.

40-50 ⁺ House Finches	15-20 Doves
15-15 Pine Siskins	5-6 Crows
3 Towhees	6-8 Jays
1 Thrasher	6-8 Grackles
20 C. Waxwings	3-4 Red-wings
4 Juncos	1 Cowbird
40 ⁺ White-throats	10-15 Starlings
2 White-crowns	6-8 House Sps.
2 Robins (5)	1 Song "
15 ⁺ Cardinals	1 C. Wren
2-3 Mockers	4 Goldfinches
1 Pil. Woodpecker	5-6 Chickadees
1 Flicker	5-6 Titmice
2 Red-bellies	1-2 Nuthatches

Seven (7) deer in our back
yard at 8:20 A.M. Claire and I
watched them jump fence into Hamp-
shire.

3 Downys ^{59/18} 1 TV

✓ 6 Eve. Grosbeaks ^{59/18} 1 Ring-b. Gull

Note! Field Sp. D

Larry Johnston tells Claire
they have had about
100 or so Robins about
Pond + land for past 3
days.

3-24-81 Tues. 28° -

Cloudless; wind N, 10-25
mph - cloudy (partly)
by noon -

✓ 2-3 Eve. Grosbeaks	15-20 Doves	6 Δ
30 ⁺ C. Waxwings	5-6 Crows	
✓ 3 Towhees ^{28/18}	6-8 Jays	Δ
✓ 1 Thrasher	12-15 Grackles	4 Δ
✓ 15-20 Pine Siskins	3 Red-wings	3 Δ

Chipsmunk - 2X

40-50⁺ House Finches Δ 2 Cowbirds Δ
 4 Juncos Δ 20-30 Starlings Δ
 30-40 White-throats Δ 6-8 House Sps. Δ
 2 White-crowns Δ 2 Song Sps. Δ
 2-3 Robins 1 C. Wren
 10-15 Cardinals 4 Goldfinches Δ
 2-3 Mockers 5-6 Chickadees Δ
 1 Flicker 5-6 Titmice Δ
 2 Red-bellies 1-2 Nuthatches
 3 Downys 5-6 Ring-b. Gulls
 2 Bluebirds 1 TV
 V 1 Phoebe in back yard (X) 1 Red-sh. {high fast 55-N
 (X) 1 Red-tail {10:25 med. high 55-N
 (X) 2 Wood Ducks 1 Field Sps. Δ {10:35 high 55-N
 (X) 1 Red-shoulder (local)
 V 2 Mallards 6:45 PM

3-25-81 Wed. 30° -

Few wispy clouds on horizon - calm early - then wind NNE, 5-20 mph very cloudy in afternoon.

2-3 Eve. Grosbeaks 15⁺ Doves
 3 Towhees 5-6 Crows
 1 Thrasher 6-8 Jays
 40-50 House Finches 10-15 Grackles
 15-20 Pine Siskins 3 Red-wings
 20⁺ C. Waxwings 3 Cowbirds
 4 Juncos 20⁺ Starlings
 30-40 White-throats 3 Cowbirds
 2 White-crowns 6-8 House Sps.
 20-25 Robins (s) 2 Song "
 15⁺ Cardinals 1 C. Wren
 2-3 Mockers 4 Goldfinches
 1 Flicker 5-6 Chickadees

Chipmunk

2 Red-bellies 5-6 Titmice
 3 Downys 1-2 Nuthatches
 (*) 1 Red-shoulder 1 Field Sp. (s)
 ✓ 200+ C. Geese *see note on 3/27*

3-26-81 Thurs 25°

Cloudless; wind S, 5-25
 mph. - partly cloudy in
 afternoon - great day!

4 Eve. Grosbeaks ^{3♂ 1♀} Δ 15+ Doves
 4 Towhees (2♀ 2♂) 5-6 Crows
 1 Thrasher 6-8 Jays
 20+ Pine Siskins 4-5 Grackles
 40+ House Finches 3 Red-wings
 12-15 C. Waxwings 1-2 Cowbirds
 4 Juncos 20+ Starlings
 30-40 White-throats 6-8 House Sps.

First Bumblebee

2 White-crowns 2 Song Sps.
 5-6 Robins 1 C. Wren
 15+ Cardinals 4 Goldfinches
 2-3 Mockers 5-6 Chickadees
 1 Flicker 5-6 Titmice
 2 Red-bellies 1-2 Nuthatches
 3 Downys (*) 1 Red-shoulder
 2 Bluebirds ^{in yard} (s) 1 TV
 (*) 1 Kestrel 5:30 PM (S-N)

3-27-81 Fri. 47° - 56°

Overcast; light drizzle
 beg. 7:00 A.M. - 15 min.
 Wind N-NNE 10-35 mph.
 Clearing late afternoon -

4 Towhees ^{2♀ 2♂} Δ 15+ Doves Δ
 1 Thrasher Δ 5-6 Crows
 4 Eve. Grosbeaks ^{3♂ 1♀} Δ 6-8 Jays Δ

Chipmunk being chased
by squirrel —

15-20 Pine Siskins ^Δ 30-40 Grackles ^Δ
50+ House Finches ^Δ 3-4 Red-wings ^Δ
40-50 C. Waxwings 1-2 Cowbirds ^Δ
4 Juncos ^Δ 30+ Starlings ^Δ
30-50 White-throats ^Δ 6-8 House Sps. ^Δ
2 White-crowns ^Δ 2 Song " ^Δ
50+ Robins 1 C. Wren
15+ Cardinals ^Δ 4 Goldfinches ^Δ
2-3 Mockers ^Δ 5-6 Chickadees ^Δ
1-2 Flickers 5-6 Titmice ^Δ
2 Red-bellies ^Δ 1-2 Nuthatches
3 Downys ^Δ 1 Meadowlark ^(S)
2 TVs ^{at box} 1 Field Sp. ^(S)
2 Bluebirds ^(S) (*) 2 Red-tails ^(S-N)
2 Mallards ^(S) ponds 1 Fish Crow ^(S)

On Wed. - about 7:50 A.M. -
200+ C. Gull, SE-N, curving
into NNE - in a great arc,
with 5-6 behind center of
arc, and one to rear -
all calling busily -

N-NNE
↑
S
Note
C. Gull

5-28-81 Sat. 27°-67°

Cloudless, wind variable,
early then N, then SW, 5-20
mph. Glorious day.

✓ 1 Rusty Blackbird ^{3X} ¹⁵⁺ Doves ^(S)
✓ 2-3 Eve. Grosbeaks ^Δ 5-6 Crows
3 Towhees ^(S) ^Δ 6-7 Jays ^Δ
15+ Pine Siskins ^(S) ^Δ 3-4 Grackles ^Δ
40-50 House Finches ^(S) ^Δ 3 Red-wings ^(S) ^Δ
35+ C. Waxwings 1-2 Cowbirds ^(S) ^Δ
4 Juncos ^(S) ^Δ 20+ Starlings ³⁻⁴ ^Δ
30-40 White-throats ^(S) ^Δ 6-8 House Sps. ^Δ
2 White-crowns ^Δ 2 Song " ^(S) ^Δ
8-10 Robins ^(S) 1 C. Wren ^(S)
15+ Cardinals ^(S) ^Δ 4 Goldfinches ^(S) ^Δ
2-3 Mockers ^(S) ^Δ 5-6 Chickadees ^(S) ^Δ
1-2 Flickers ^(S) ^Δ 5-6 Titmice ^(S) ^Δ
2 Red-bellies ^(S) ^Δ 1-2 Nuthatches ^(S) ^Δ

Mourning Cloak Butterfly

3 Downys ^(*) 1 Red-shoulder ^(local)
 2 Bluebirds at box ^(*) 1 Red-sh. ^{55-N high}
 1 Field Sp. (s) 11:40
 1 Fish Crow

3-29-81 Sun. 47°~

Cloudless early, then incr.
 high, thin clouds; winds,

2-3 Eve. Grosbeaks ⁸⁻¹⁰ Doves ^Δ
 5-6 C. Waxwings 5-6 Crows
 15-20 Pine Siskins ^Δ 6 Jays ^Δ
 40+ ⁶⁰ House Finches ^Δ 5-6 Grackles ^Δ
 3 Towhees ^Δ 3 Red-wings ^Δ
 4 Juncos ^Δ 1 Cowbird ^Δ
 40+ White-throats ^Δ 8-10 Starlings ^Δ
 2 White-crowns ^Δ 6-8 House Sps ^Δ

Spring Peepers

3-4 Robins 2 Song sps. ^Δ
 10-15 Cardinals ^Δ 1 C. Wren
 2-3 Mockers ^Δ 4 Goldfinches ^Δ
 1-2 Flickers 5-6 Chickadees ^Δ
 2 Red-bellies ^Δ 5-6 Titmice ^Δ
 3 Downys ^Δ 1-2 Nuthatches ^Δ
 2 TVs ^(*) 1 Red-shoulder ^(s)
 2 Bluebirds ^{sat} at box 1 Field Sparrow ^(s)
 ✓ 2 Mellards ✓ 1 Thrasher ^Δ

3-30-81 Mon. 61° - 63°

Light rain began 6:50 A.M.
 - strong gusty winds in early
 A.M. to about noon, 10-40 mph.
Rain ending about 4:30 P.M.
 = 0.6" Rain heavy at times
 in afternoon.

Spring Peepers

✓ 2-3 Eve. Grosbeaks 8-10 Doves 40
 3-4 C. Waxwings 4-5 Crows
 15-20 Pine Siskins 5-6 Jays 10
~~35-40~~ House Finches 15-20 Grackles
 3 Towhees 3 Red-wings
 4 Juncos 2-3 Cowbirds
 35-40 White-throats 20+ Starlings
 2 White-crowns 5-6 House Sps.
~~100-150~~ Robins 2 Song "
 10-15 Cardinals ? 1 C. Wren
 2-3 Mockers 4 Goldfinches
 1-2 Flickers 5-6 Chickadees
 2 Red-bellies 5-6 Titmice
 3 Downys 1-2 Nuthatches
 1 Thrasher 1 Field Sp. (5)

3-31-81 Tues. 55°-

Cloudless early;

